Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100208.D
Acq On : 27 Jun 2019 17:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Jun 27 18:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 726 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.45 | 136 | 2413 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 1932 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 5851 | 0.40 | ng | | -0.03 |
| 27) Chrysene-d12 | 21.25 | 240 | 7463 | 0.40 | ng | | -0.04 |
| 34) Perylene-d12 | 23.67 | 264 | 8459 | 0.40 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 643 | 0.40 | ng | | -0.01 |
| 5) Phenol-d6 | 6.84 | 99 | 881 | 0.40 | ng | | -0.04 |
| 8) Nitrobenzene-d5 | 8.82 | 82 | 982 | 0.41 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 1804 | 0.40 | ng | | -0.03 |
| 14) 2,4,6-Tribromophenol | 15.82 | 330 | 391 | 0.35 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 12.96 | 172 | 3032 | 0.39 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 32451 | 0.38 | ng | | -0.03 |
| 29) Terphenyl-d14 | 19.71 | 244 | 6467 | 0.44 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 431 | 0.379 | ng | # | 95 |
| 3) n-Nitrosodimethylamine | 3.48 | 42 | 210 | 0.499 | ng | # | 26 |
| 6) bis(2-Chloroethyl)ether | 7.10 | 93 | 858 | 0.422 | ng | # | 98 |
| 9) Naphthalene | 10.50 | 128 | 10802 | 0.410 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.77 | 225 | 1102 | 0.405 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 1763 | 0.416 | ng | | 99 |
| 16) Acenaphthylene | 14.04 | 152 | 3686 | 0.391 | ng | | 99 |
| 17) Acenaphthene | 14.38 | 154 | 2124 | 0.402 | ng | | 98 |
| 18) Fluorene | 15.37 | 166 | 3218 | 0.421 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.26 | 248 | 1480 | 0.408 | ng | | 95 |
| 21) Hexachlorobenzene | 16.37 | 284 | 1652 | 0.415 | ng | | 99 |
| 22) Pentachlorophenol | 16.75 | 266 | 277 | 0.478 | ng | | 84 |
| 23) Phenanthrene | 17.11 | 178 | 5827 | 0.420 | ng | | 99 |
| 24) Anthracene | 17.20 | 178 | 4986 | 0.426 | ng | | 99 |
| 26) Fluoranthene | 19.13 | 202 | 8850 | 0.393 | ng | | 99 |
| 28) Pyrene | 19.49 | 202 | 8859 | 0.464 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 9275 | 0.422 | ng | | 98 |
| 31) Chrysene | 21.28 | 228 | 10557 | 0.409 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 9407 | 0.372 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.22 | 276 | 11754 | 0.320 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 22.93 | 252 | 9532 | 0.419 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 22.97 | 252 | 11104 | 0.408 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.56 | 252 | 9321 | 0.395 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.24 | 278 | 8859 | 0.351 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.00 | 276 | 10071 | 0.383 | ng | | 100 |

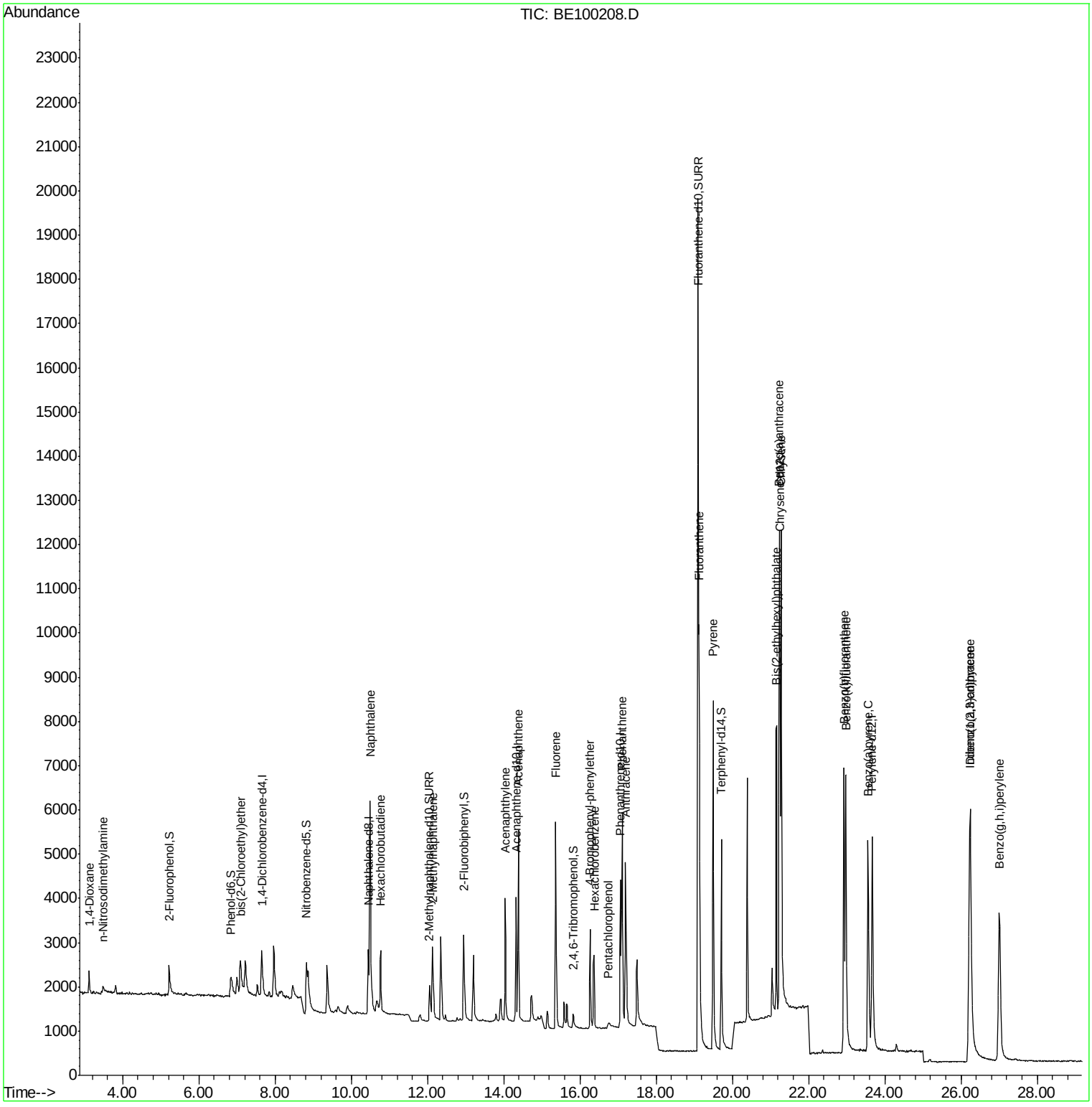
(#) = qualifier out of range (m) = manual integration (+) = signals summed

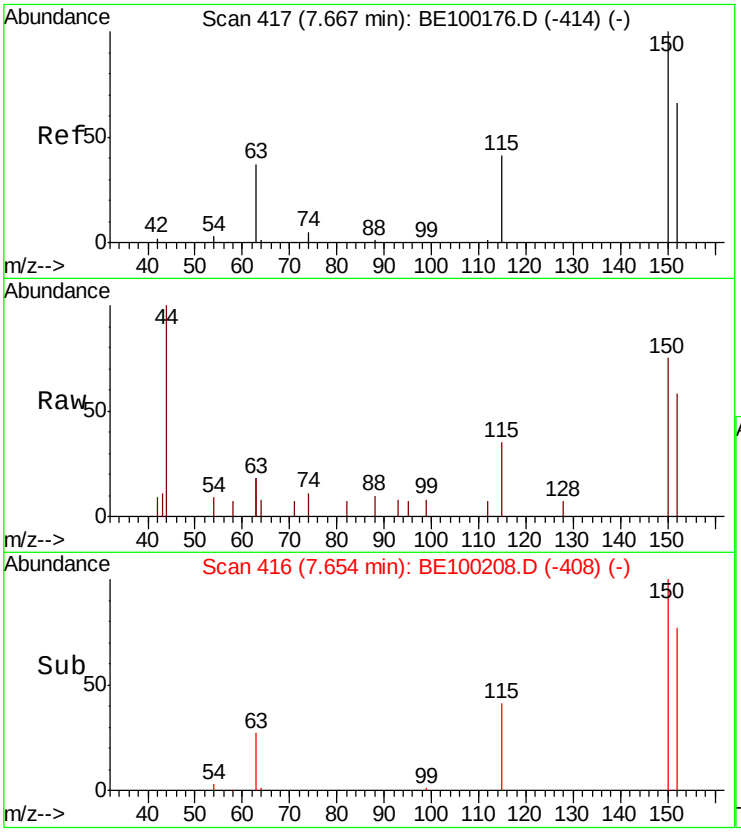
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100208.D
Acq On : 27 Jun 2019 17:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**

Quant Time: Jun 27 18:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



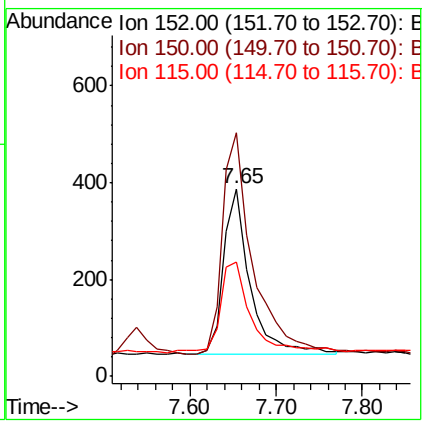


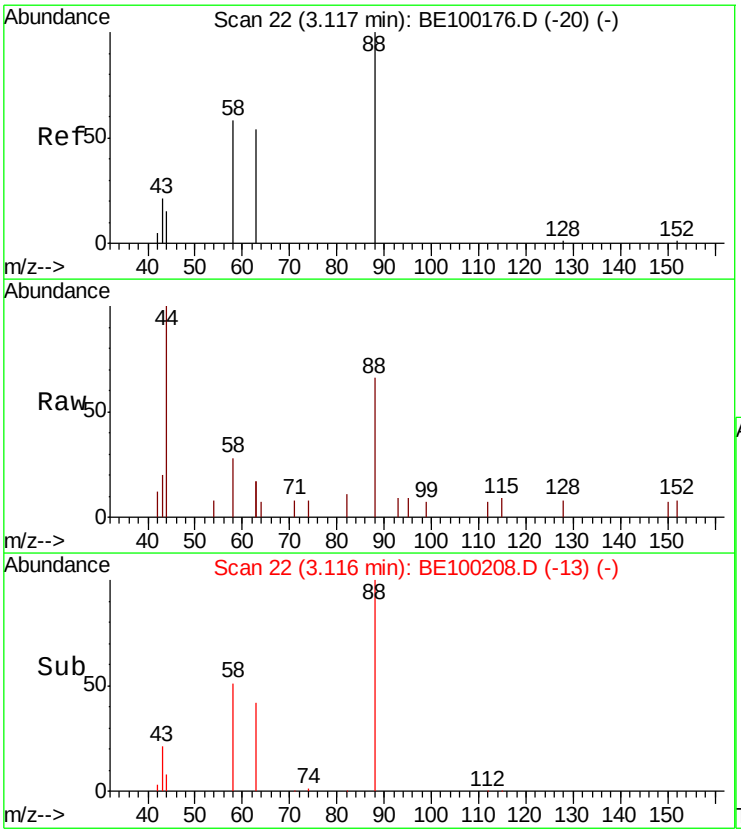

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 129.6 | 113.4 | 170.2 |
| 115 | 60.6 | 55.8 | 83.6 |

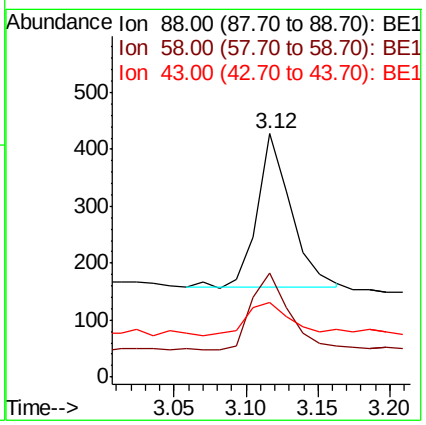


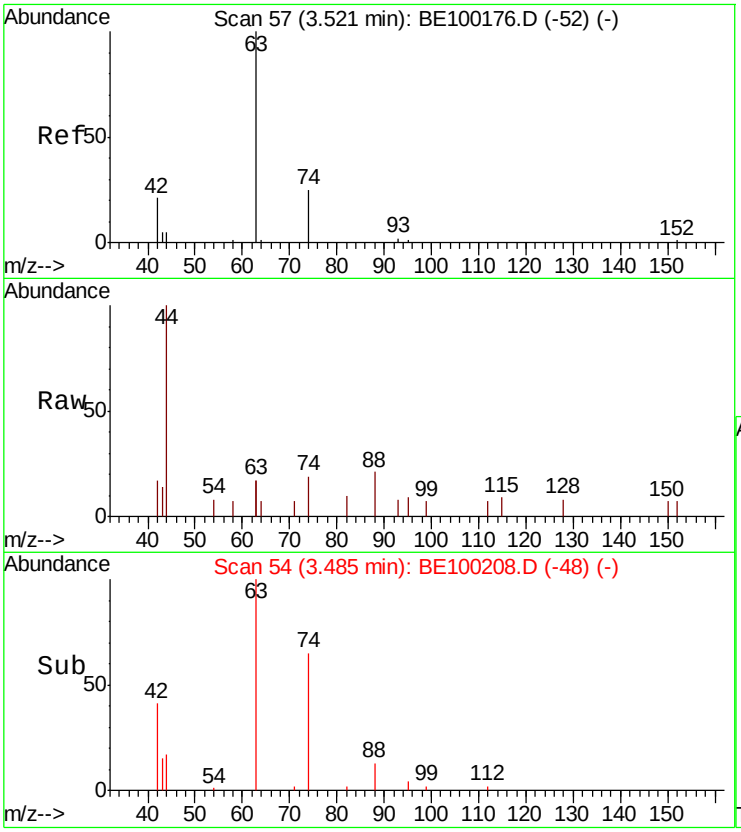




#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion: 88 Resp: 431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 56.6 | 43.8 | 65.6 |
| 43 | 29.2 | 19.4 | 29.2# |



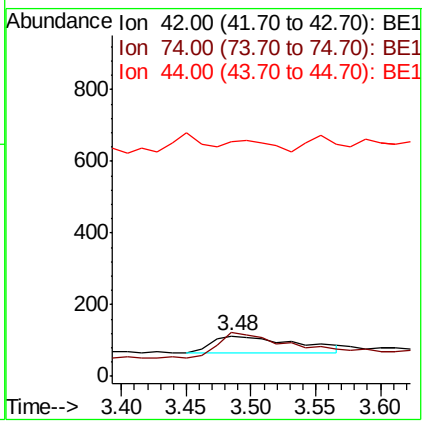


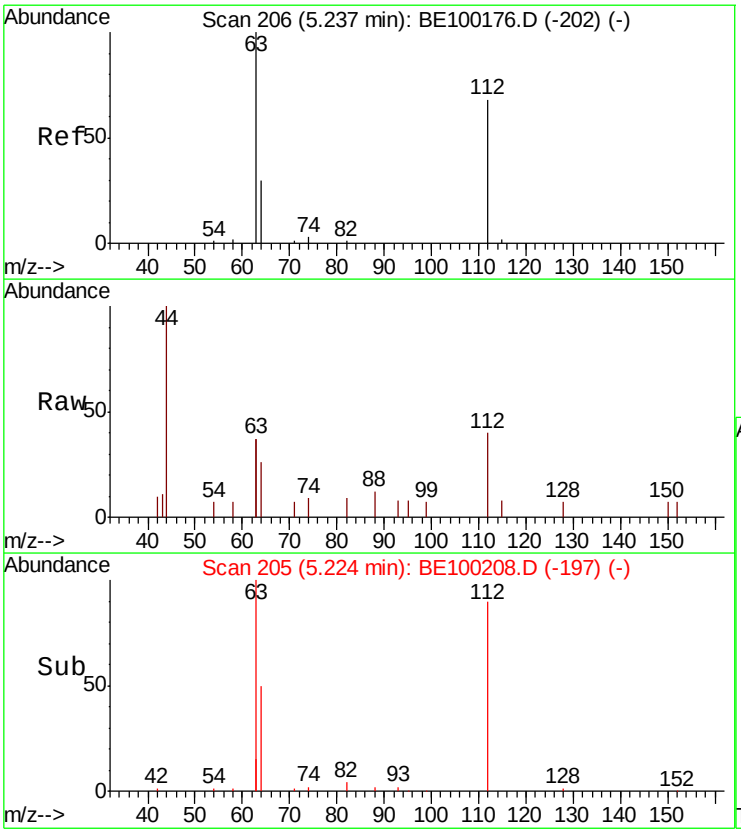

#3
n-Nitrosodimethylamine
Concen: 0.499 ng
RT: 3.48 min Scan# 54
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 42 Resp: 210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 131.4 | 193.2 | 289.8# |
| 44 | 31.4 | 114.5 | 171.7# |

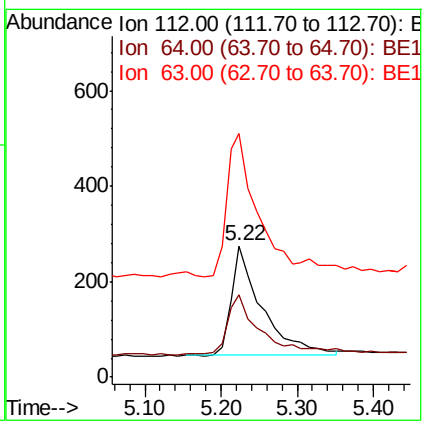


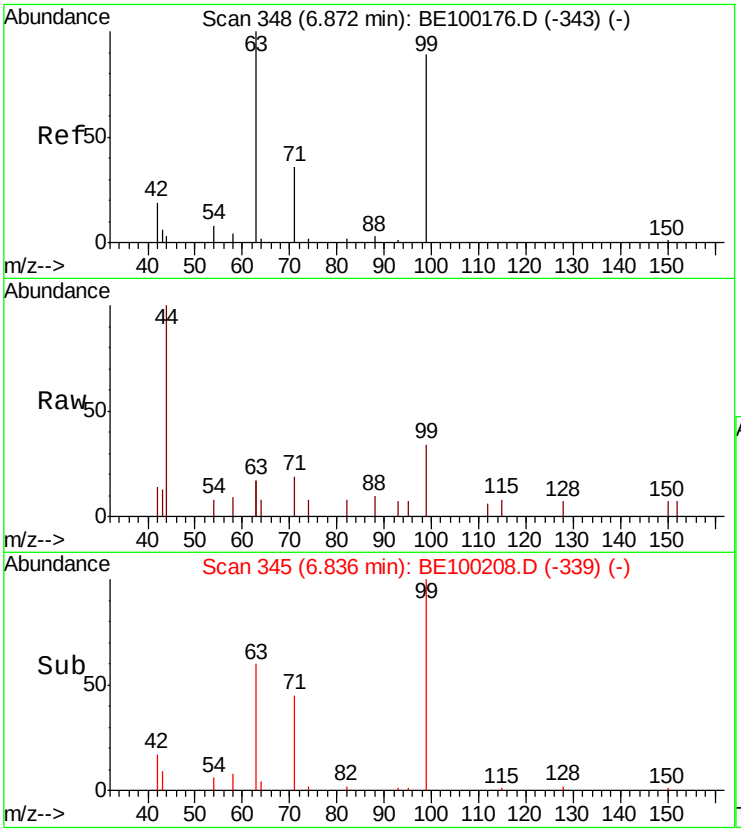




#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:112 Resp: 643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.9 | 40.7 | 61.1 |
| 63 | 131.6 | 93.2 | 139.8 |



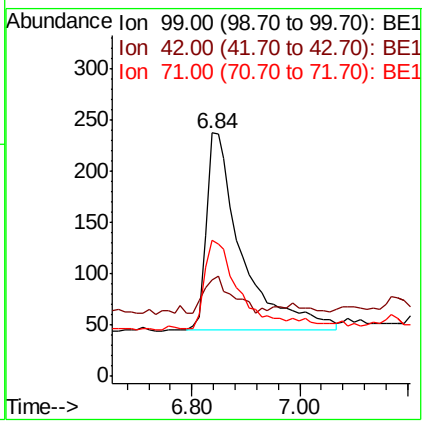


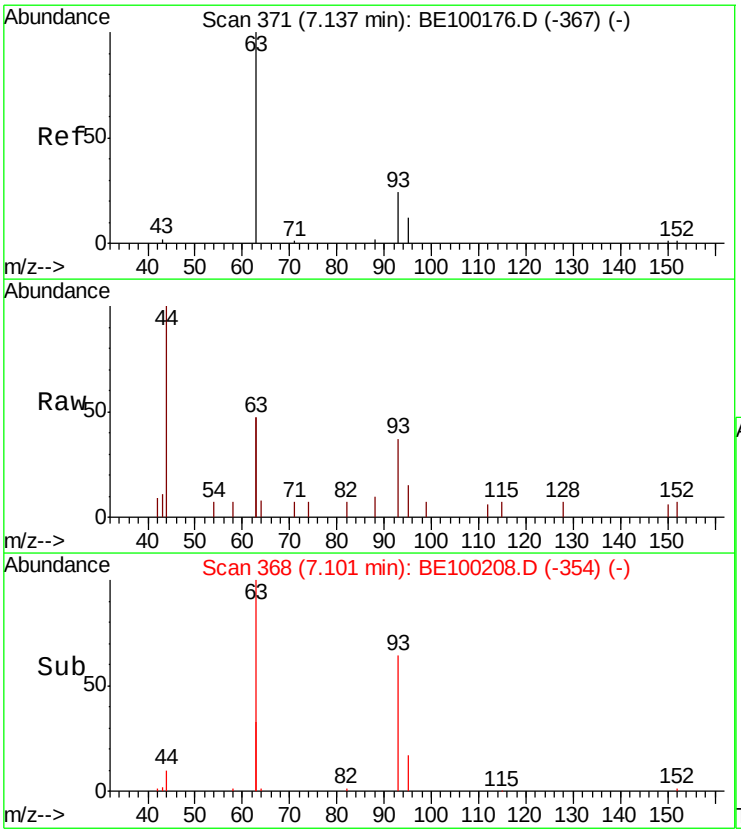

#5
Phenol-d6
Concen: 0.397 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 99 Resp: 881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 10.4 | 15.6# |
| 71 | 44.4 | 32.4 | 48.6 |

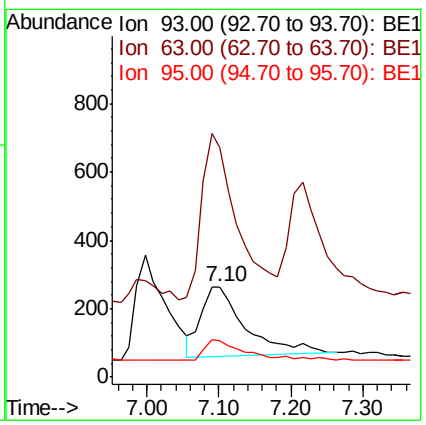


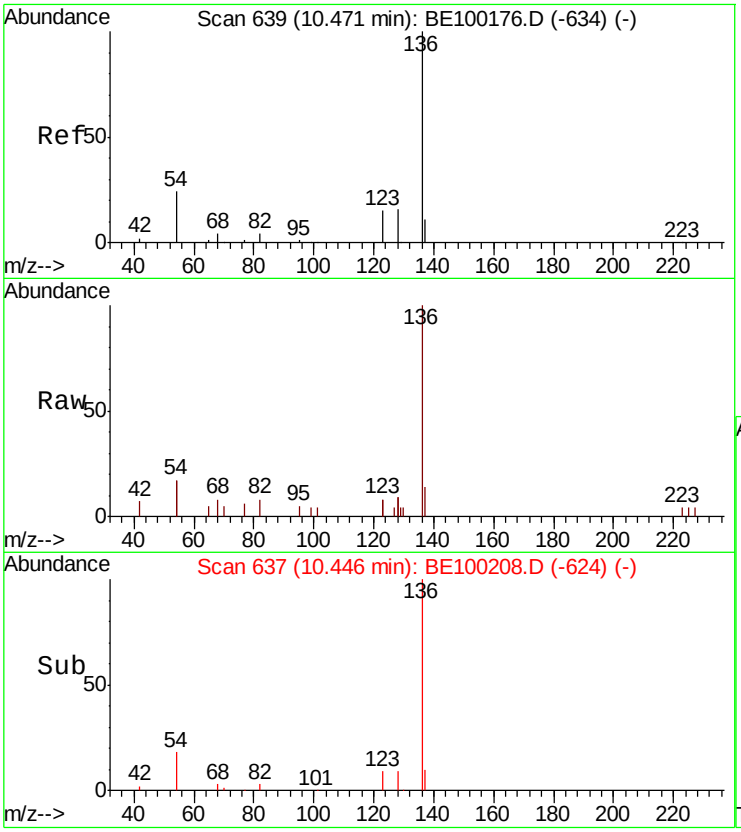




#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 7.10 min Scan# 368
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion: 93 Resp: 858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 193.0 | 0.0 | 0.0# |
| 95 | 25.2 | 21.0 | 31.6 |



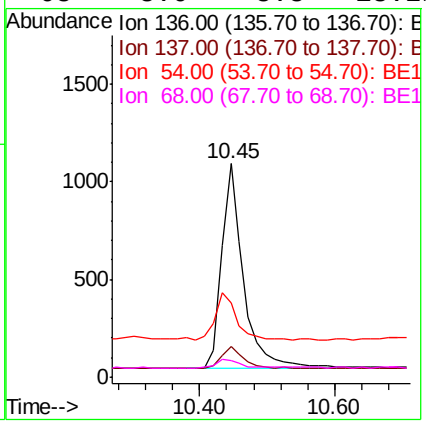


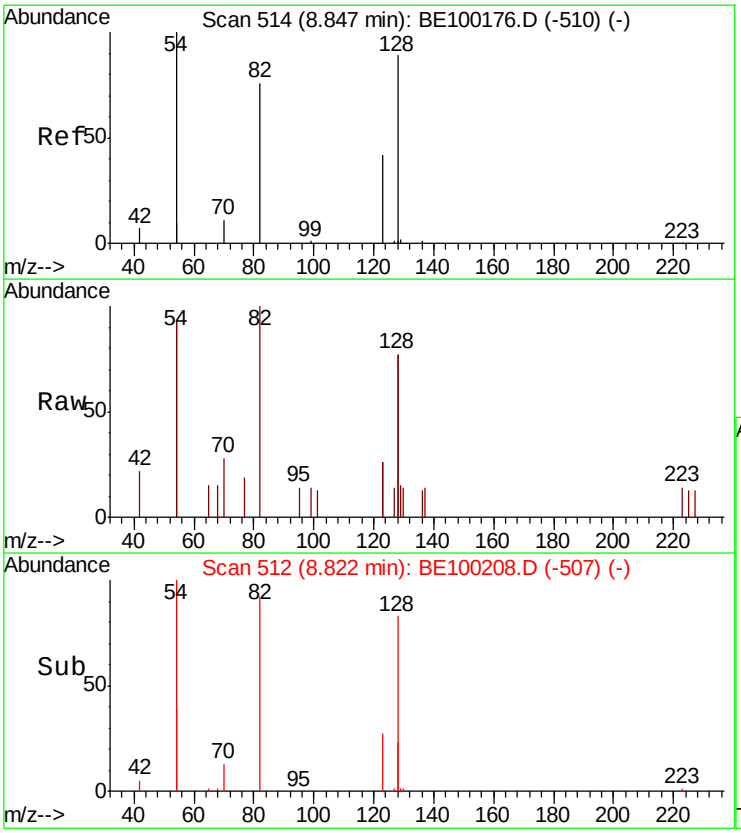

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:136 Resp: 2413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 14.1 | 13.8 | 20.8 |
| 54 | 34.8 | 35.4 | 53.2# |
| 68 | 8.0 | 8.8 | 13.2# |

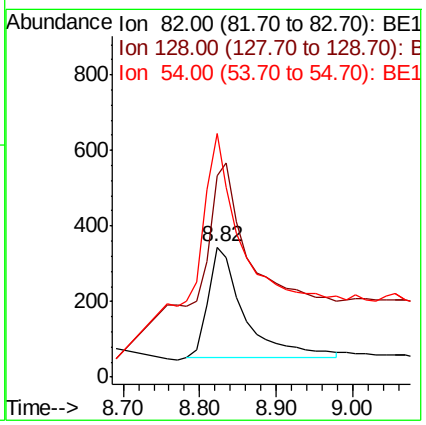


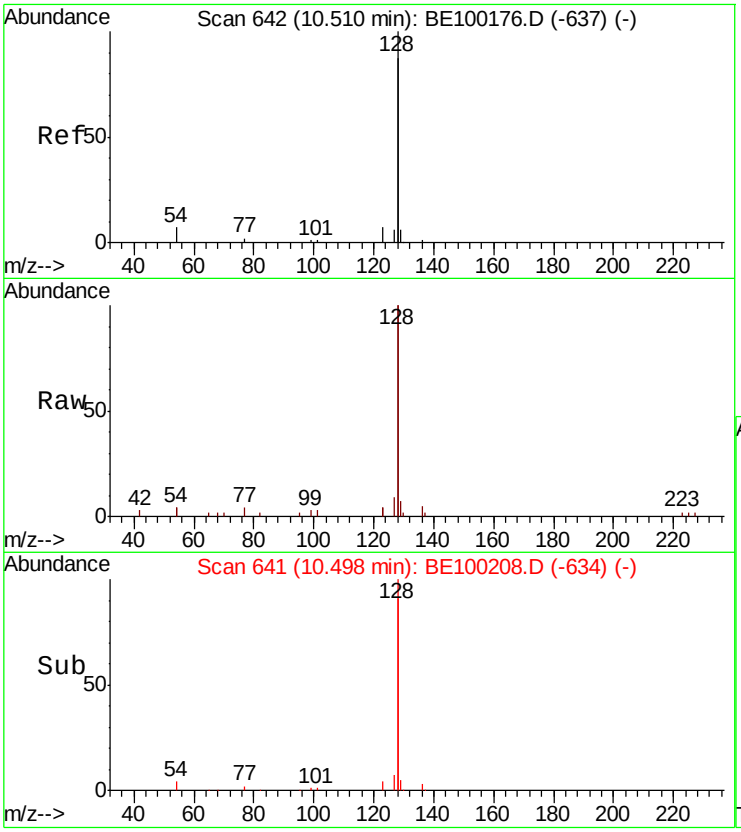




#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion: 82 Resp: 982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 154.8 | 144.6 | 217.0 |
| 54 | 186.7 | 163.0 | 244.6 |



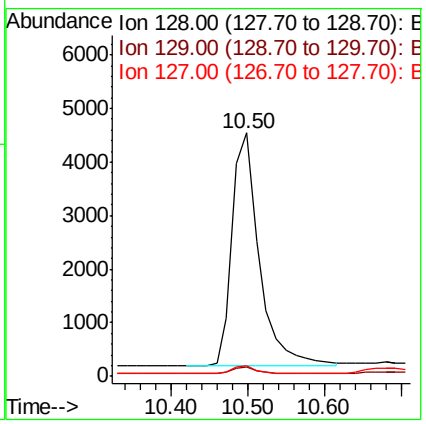


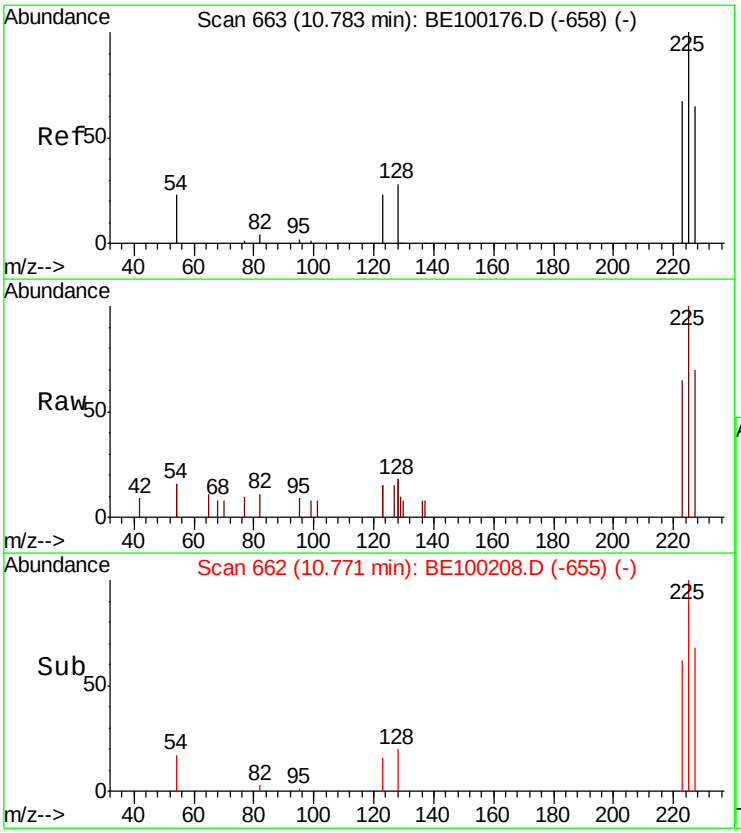

#9
Naphthalene
Concen: 0.410 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:128 Resp: 10802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.7 | 3.6 | 5.4 |
| 127 | 4.4 | 3.8 | 5.8 |

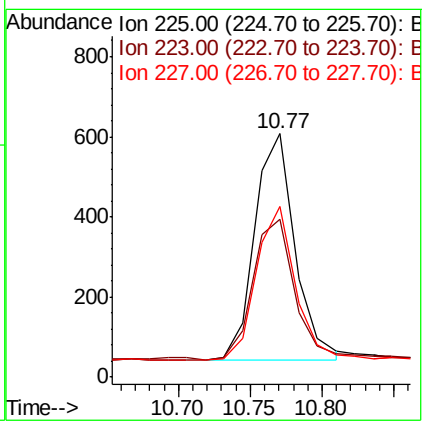


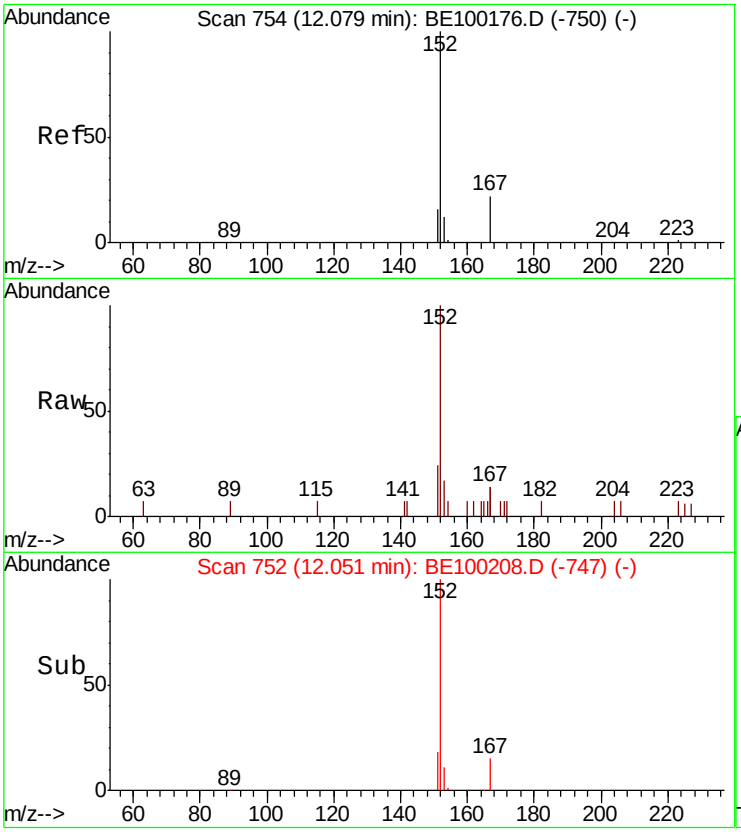




#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.77 min Scan# 662
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:225 Resp: 1102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 50.1 | 75.1 |
| 227 | 65.4 | 50.9 | 76.3 |



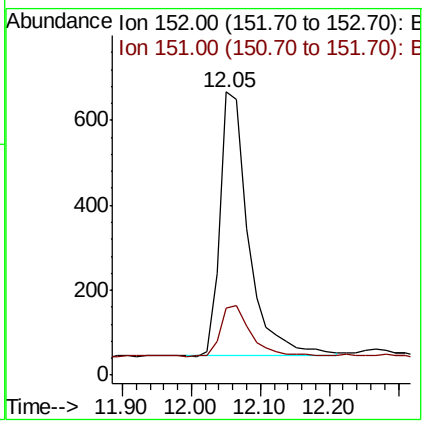


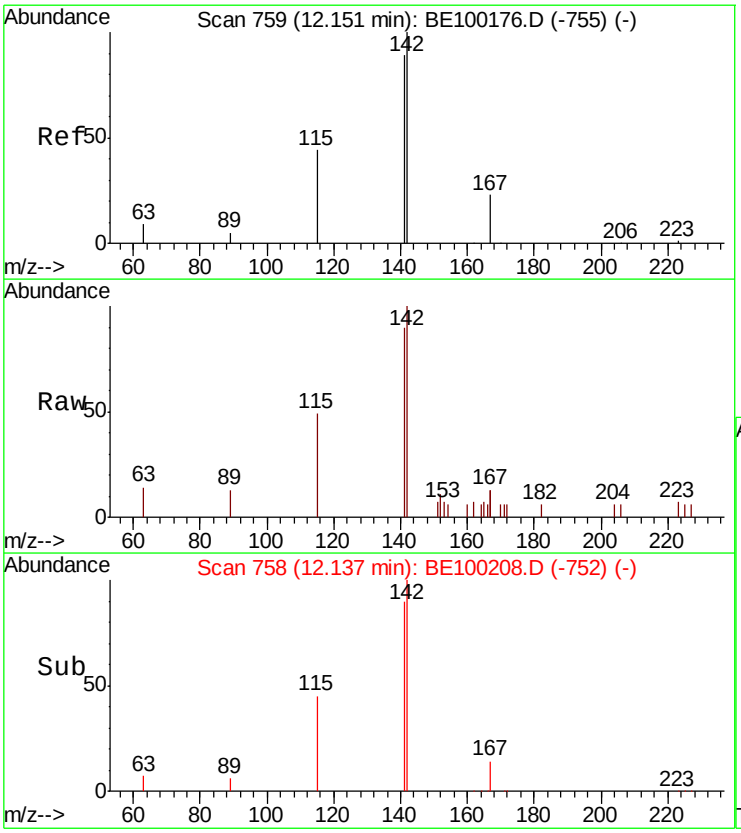

#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 1804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.3 | 24.5 |

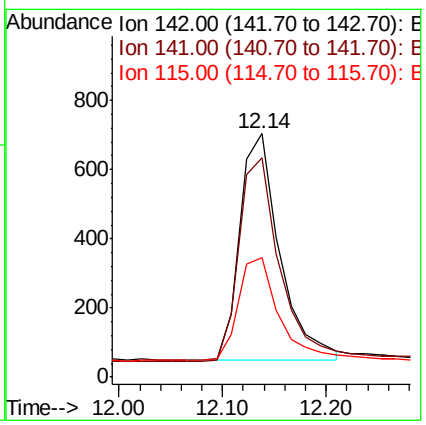


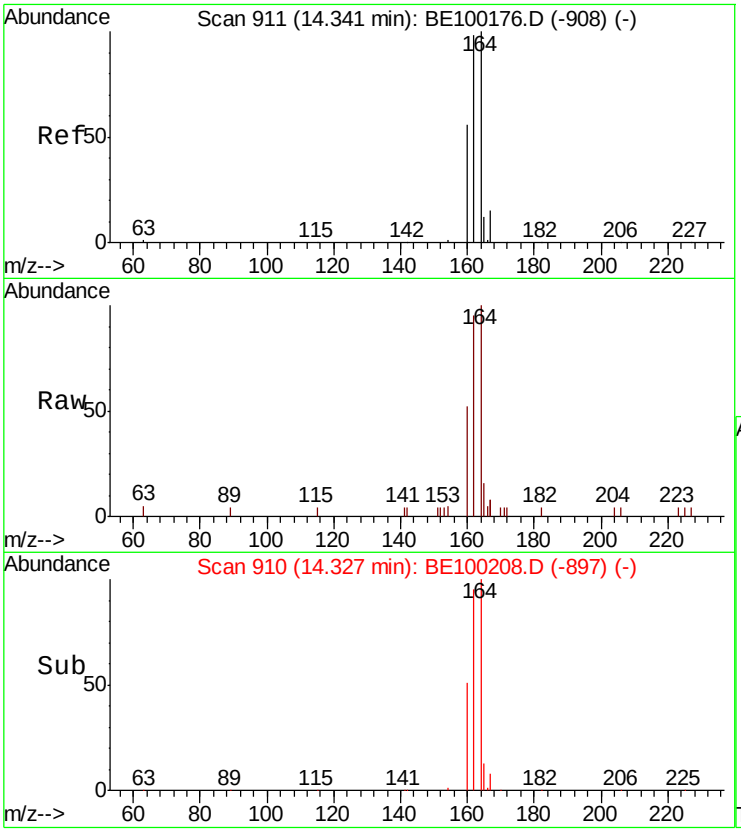




#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:142 Resp: 1763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 71.8 | 107.8 |
| 115 | 48.9 | 40.4 | 60.6 |



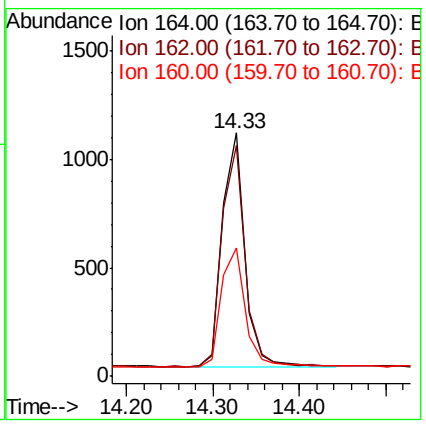


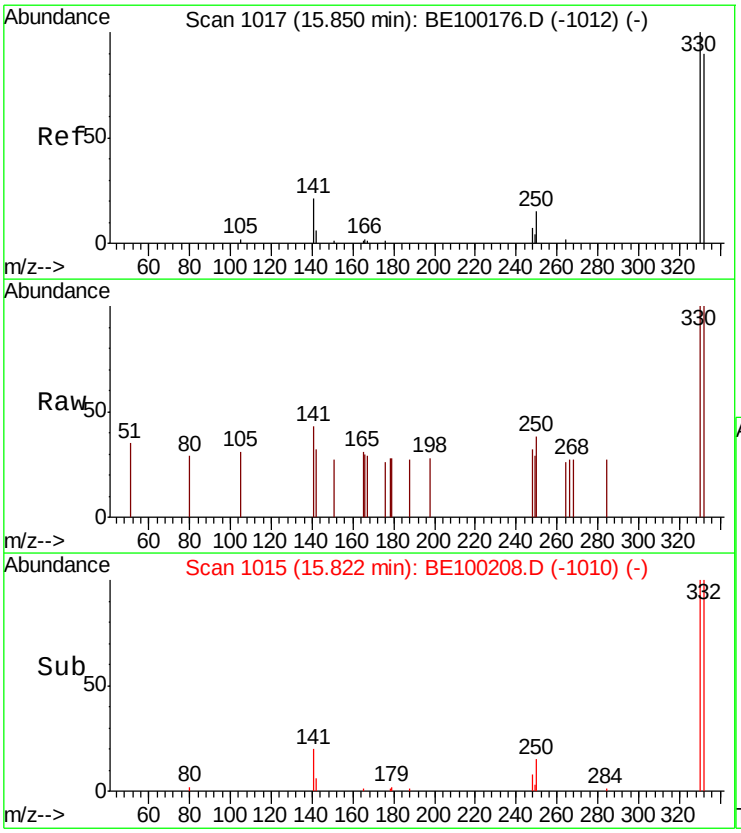

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:164 Resp: 1932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 94.7 | 78.6 | 118.0 |
| 160 | 52.5 | 46.9 | 70.3 |

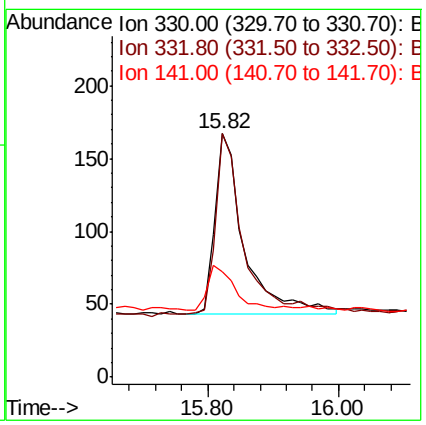


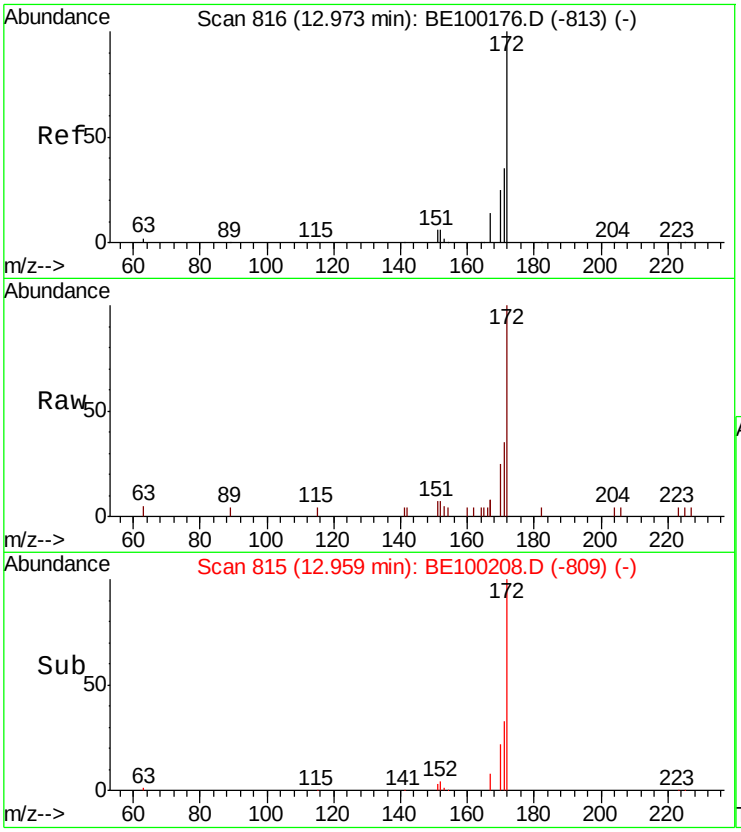




#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:330 Resp: 391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 89.8 | 77.7 | 116.5 |
| 141 | 23.8 | 18.9 | 28.3 |



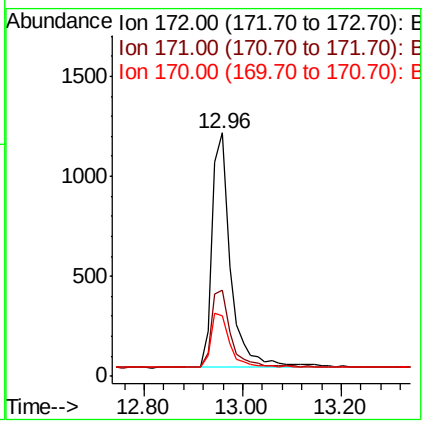


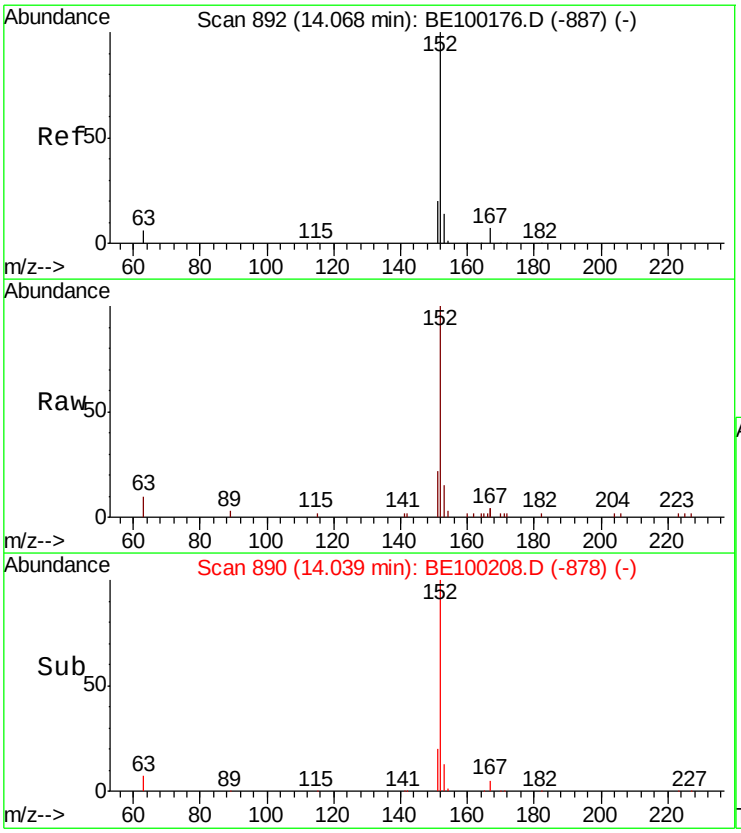

#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:172 Resp: 3032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 31.0 | 46.4 |
| 170 | 24.7 | 23.9 | 35.9 |

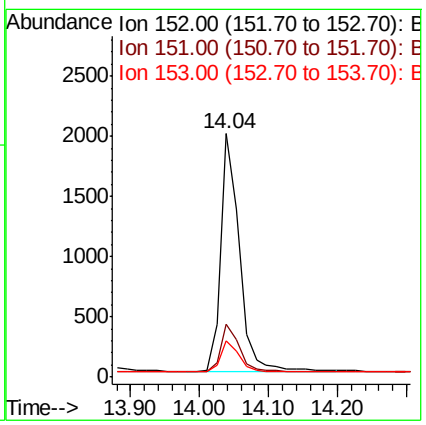


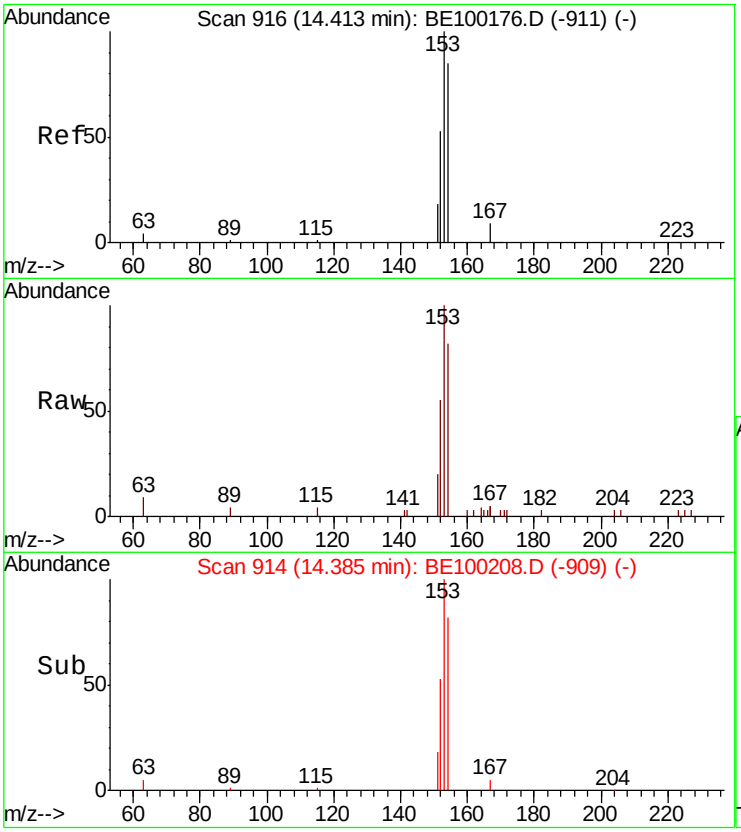




#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:152 Resp: 3686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.4 | 23.0 |
| 153 | 13.3 | 10.8 | 16.2 |



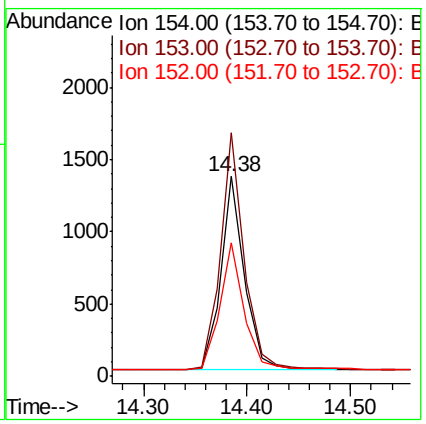


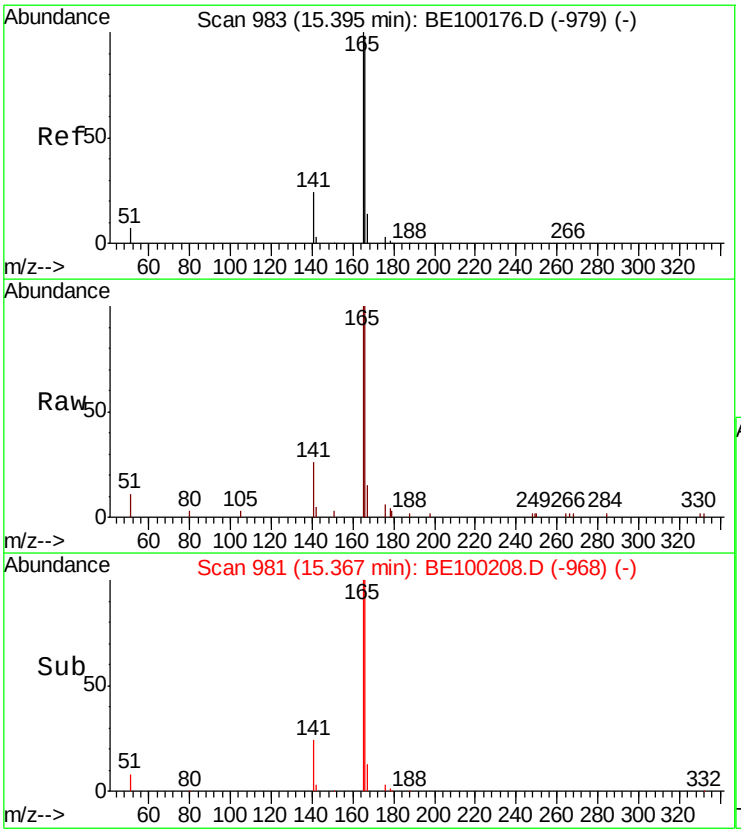

#17
Acenaphthene
Concen: 0.402 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:154 Resp: 2124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 121.8 | 95.3 | 142.9 |
| 152 | 67.7 | 52.9 | 79.3 |

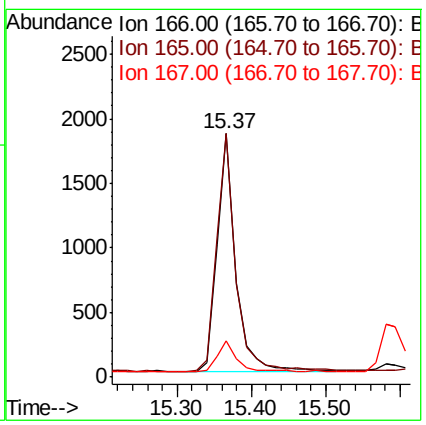


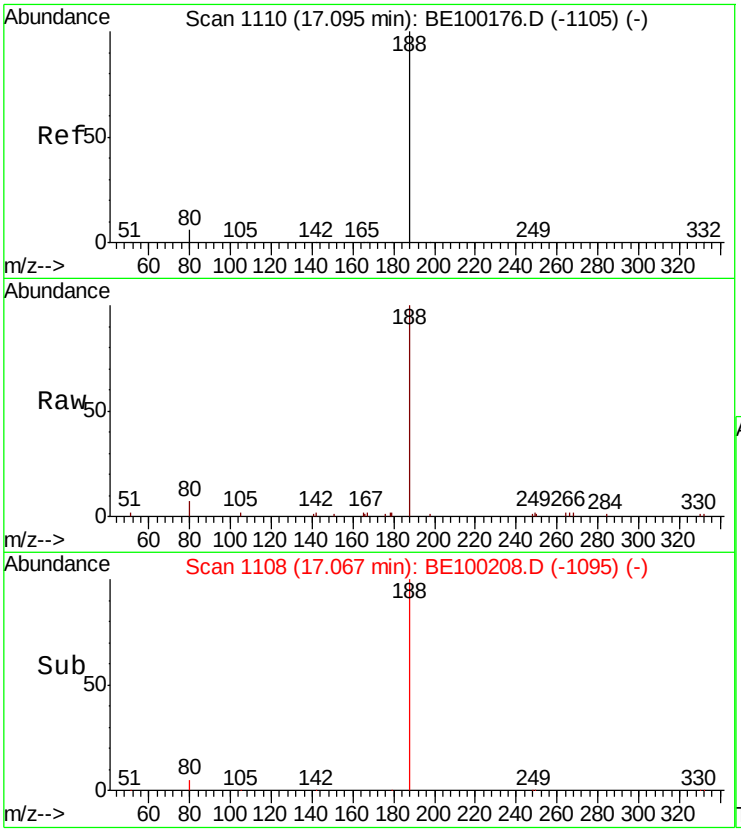




#18
Fluorene
Concen: 0.421 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:166 Resp: 3218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.6 | 81.0 | 121.4 |
| 167 | 13.1 | 11.4 | 17.0 |



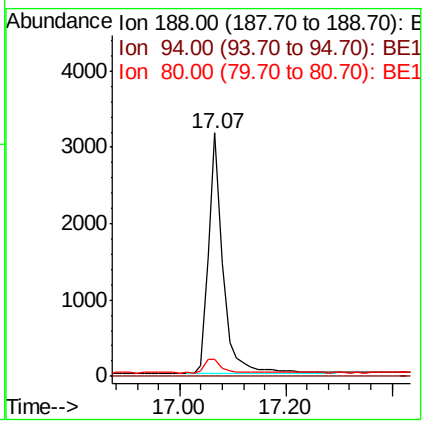


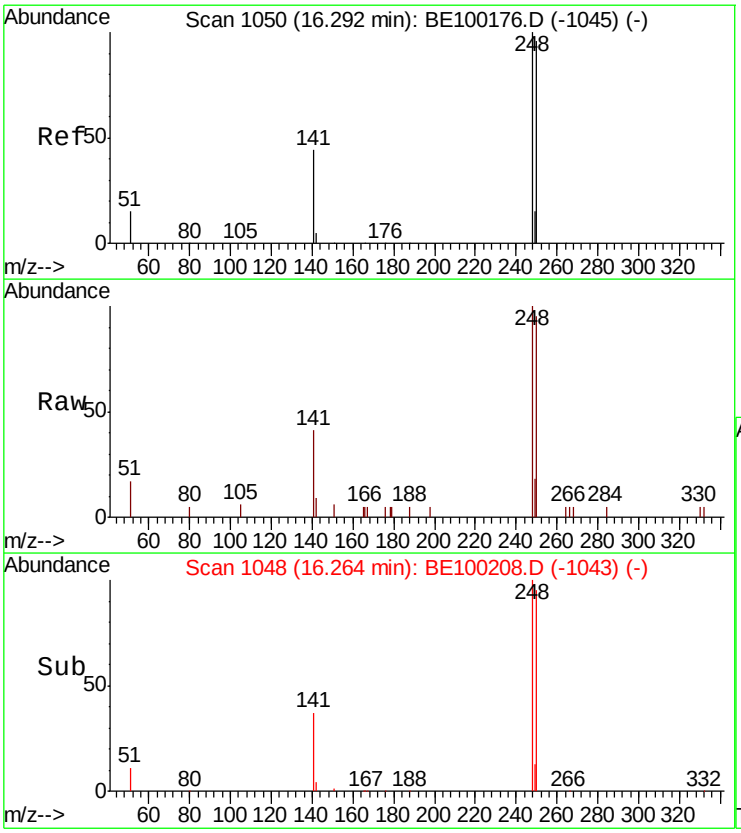

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:188 Resp: 5851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.9 | 6.4 | 9.6 |

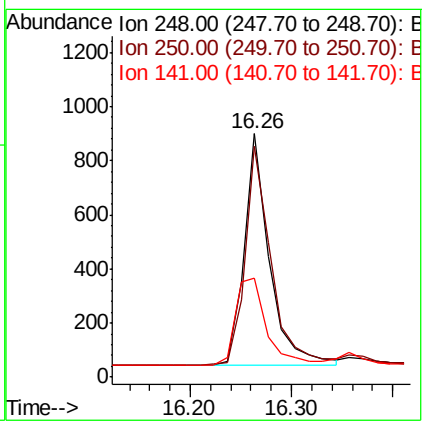


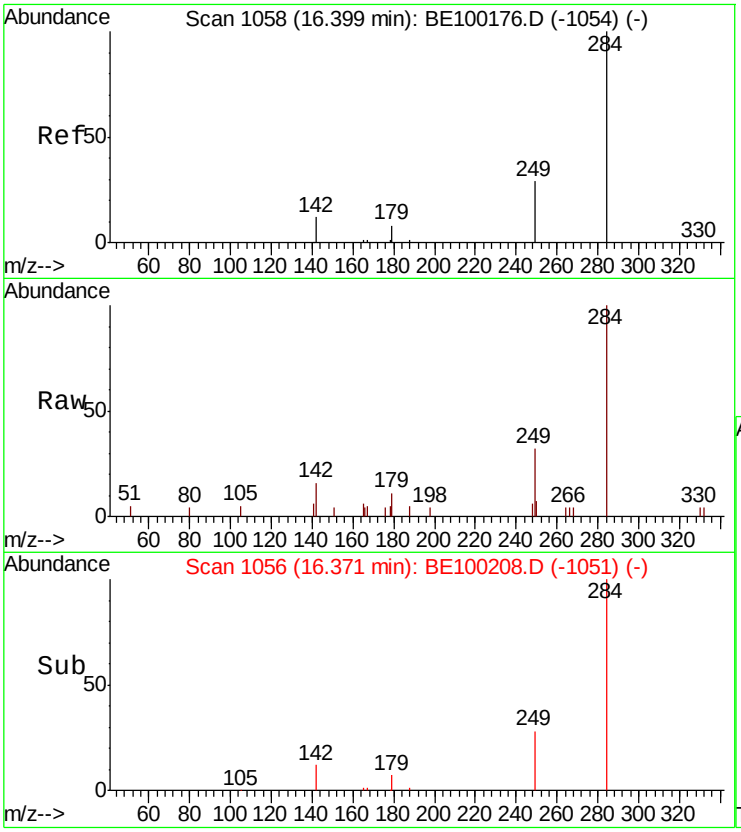




#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:248 Resp: 1480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.0 | 77.1 | 115.7 |
| 141 | 40.7 | 39.5 | 59.3 |



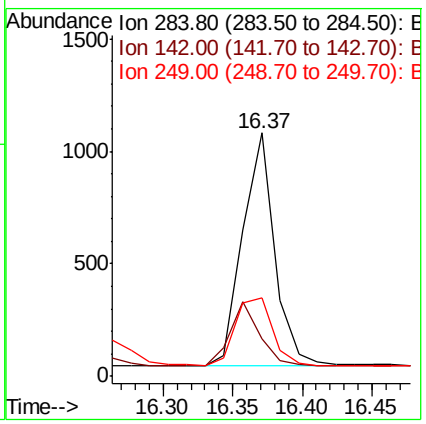


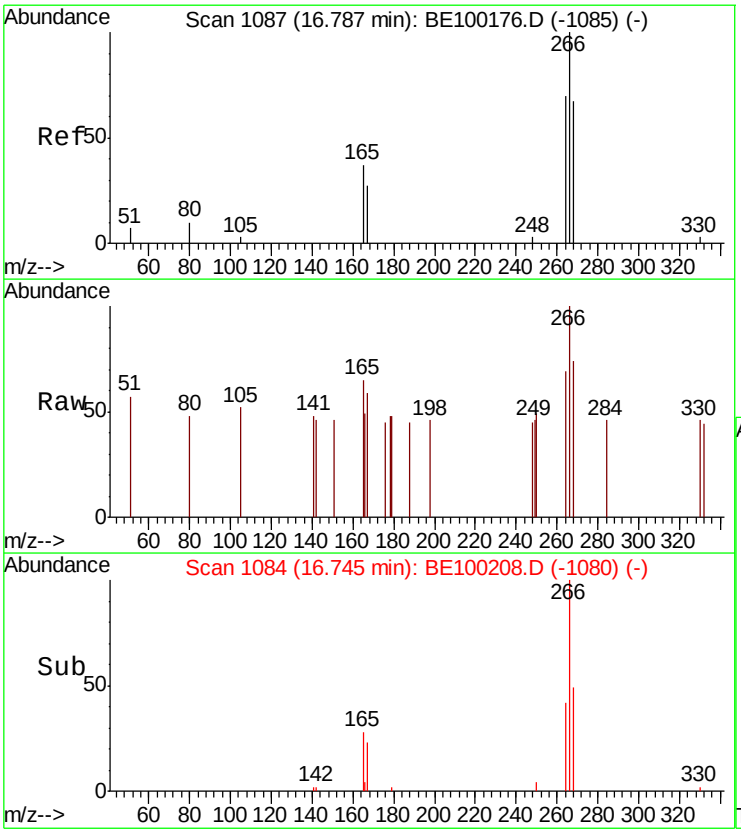

#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:284 Resp: 1652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 25.6 | 20.1 | 30.1 |
| 249 | 33.7 | 26.2 | 39.4 |

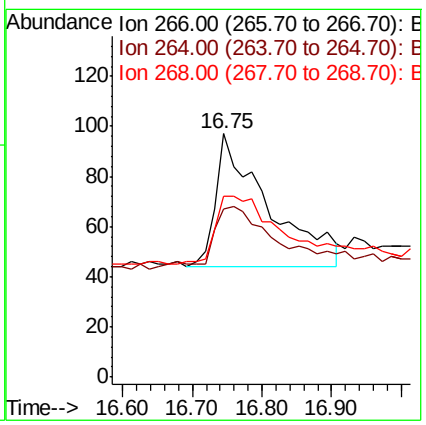


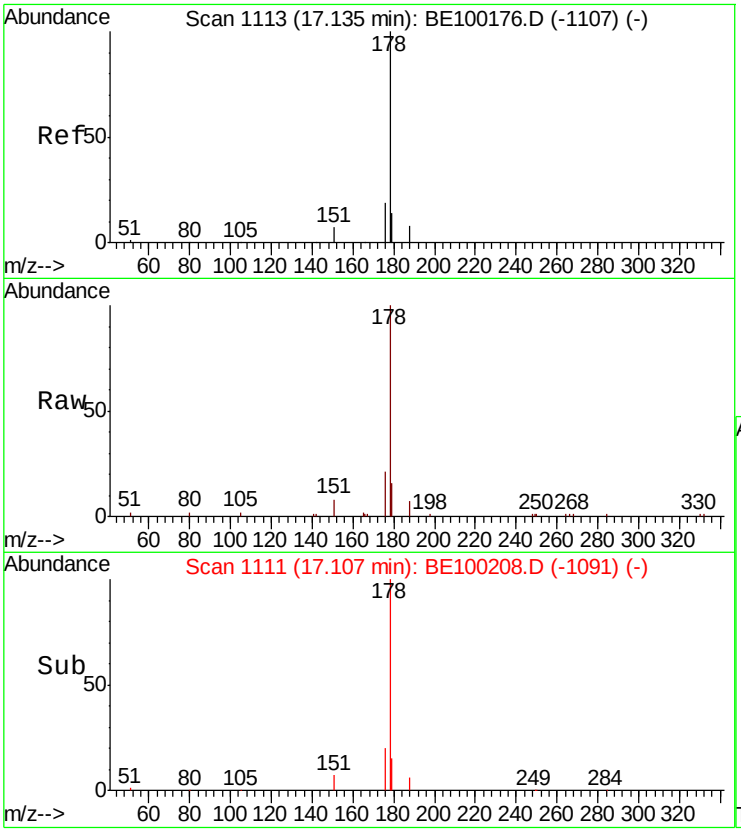




#22
Pentachlorophenol
Concen: 0.478 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:266 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 69.1 | 67.7 | 101.5 |
| 268 | 74.2 | 69.8 | 104.6 |



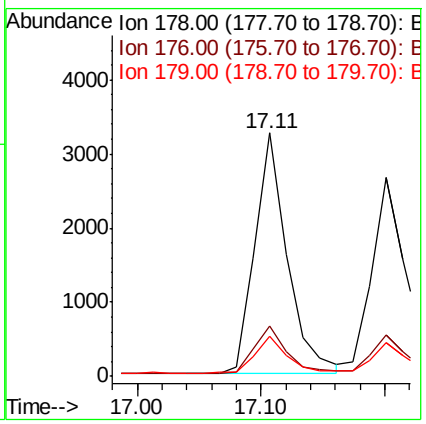


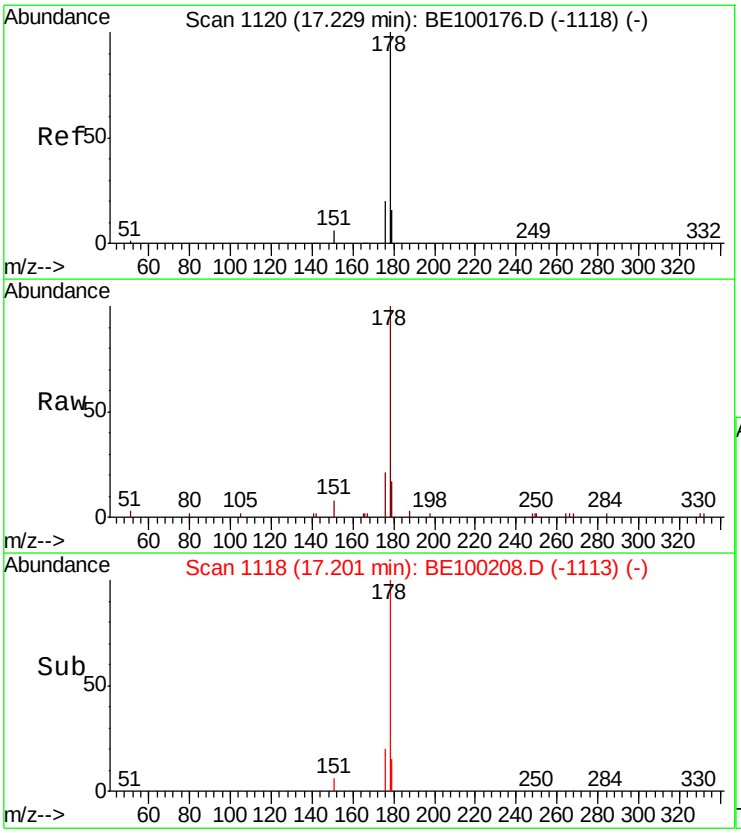

#23
Phenanthrene
Concen: 0.420 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:178 Resp: 5827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.5 | 23.3 |
| 179 | 14.9 | 12.2 | 18.2 |

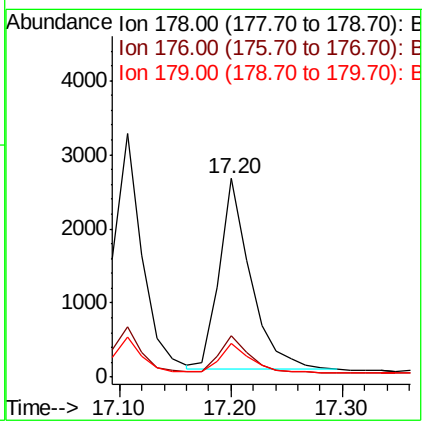


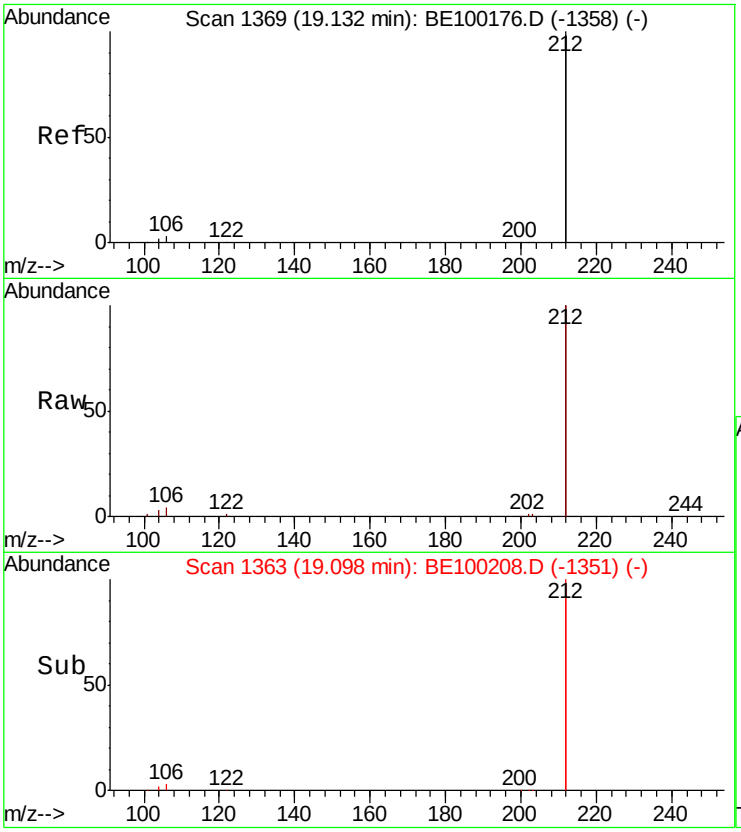




#24
Anthracene
Concen: 0.426 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:178 Resp: 4986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.7 | 23.5 |
| 179 | 15.7 | 12.9 | 19.3 |



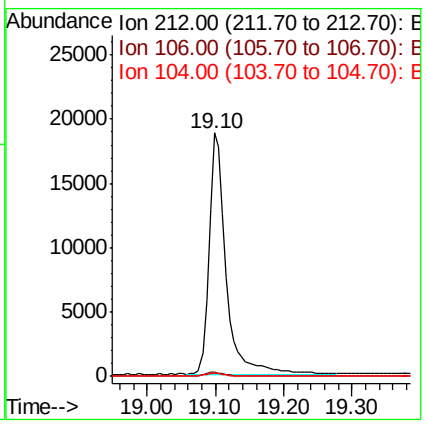


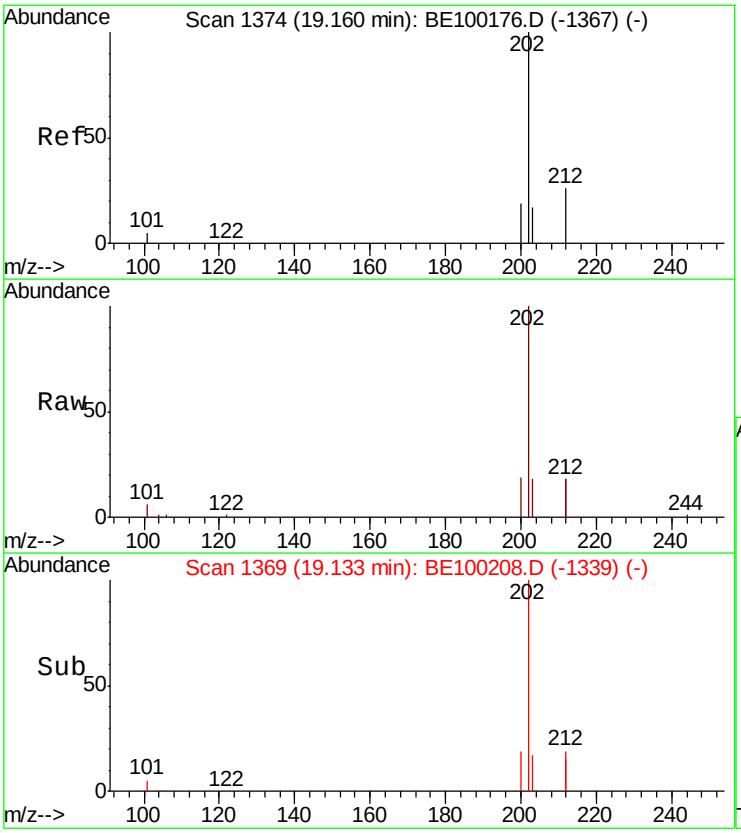

#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:212 Resp: 32451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.6 | 1.3 | 1.9 |
| 104 | 1.0 | 0.7 | 1.1 |

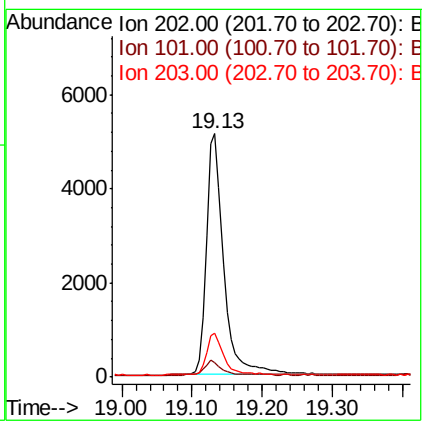


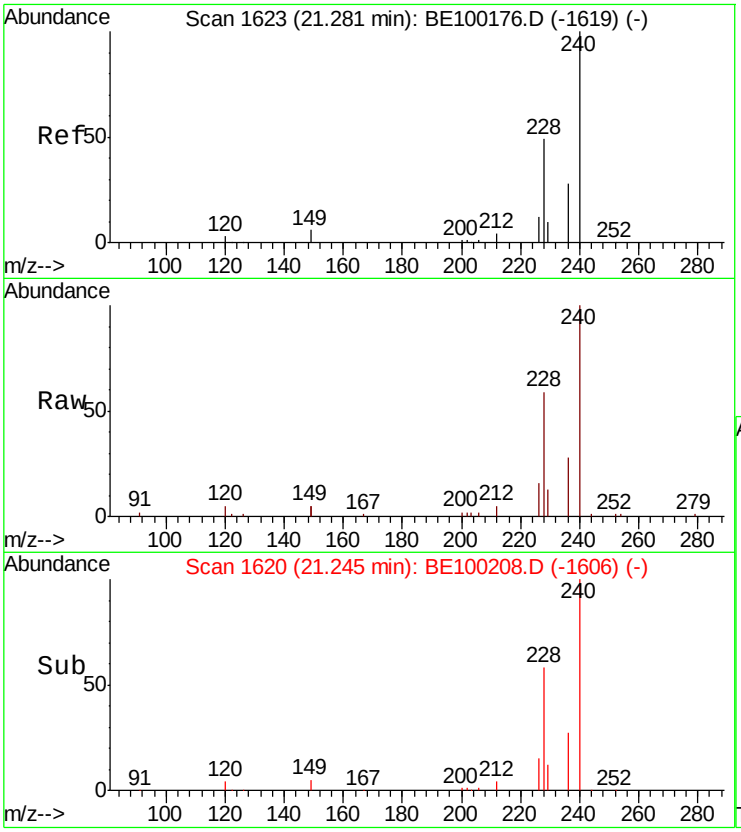




#26
Fluoranthene
Concen: 0.393 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:202 Resp: 8850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.0 | 4.5 | 6.7 |
| 203 | 16.9 | 13.7 | 20.5 |



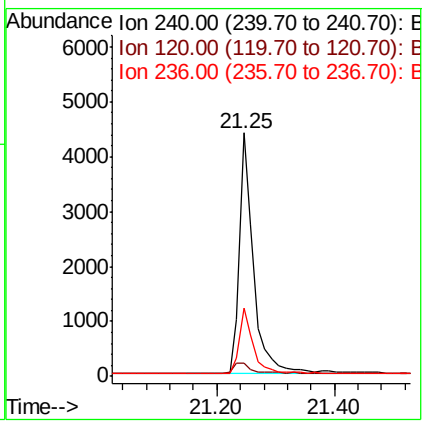


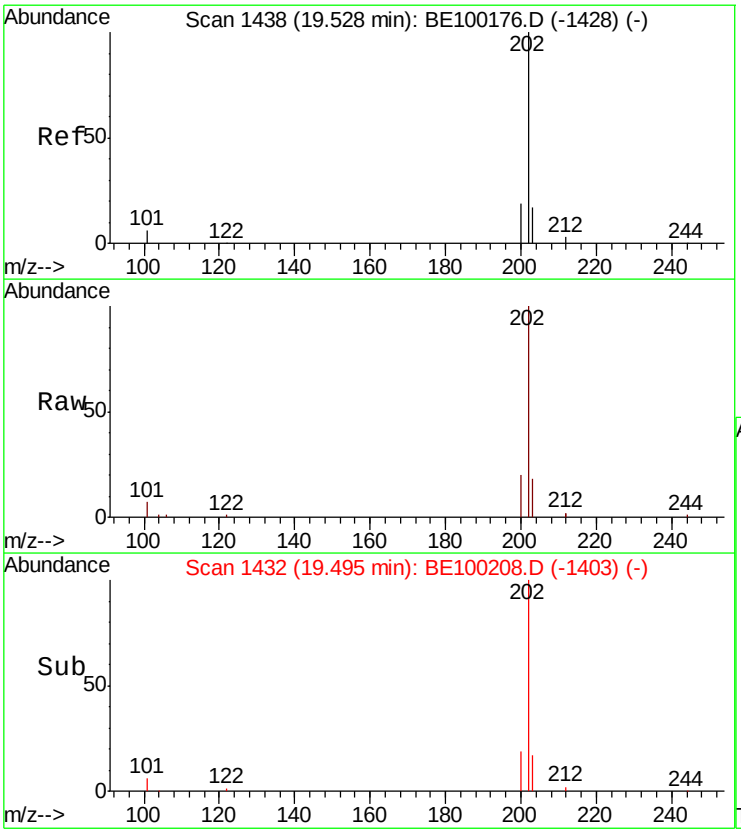

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:240 Resp: 7463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.3 | 4.1 | 6.1 |
| 236 | 27.9 | 23.0 | 34.6 |

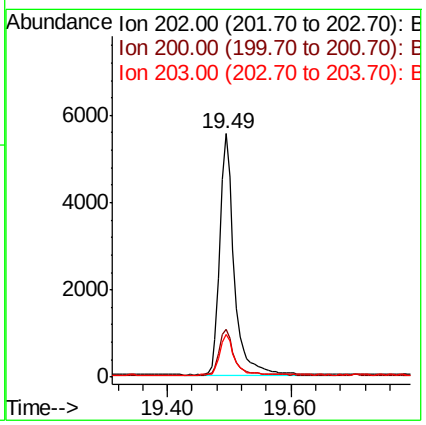


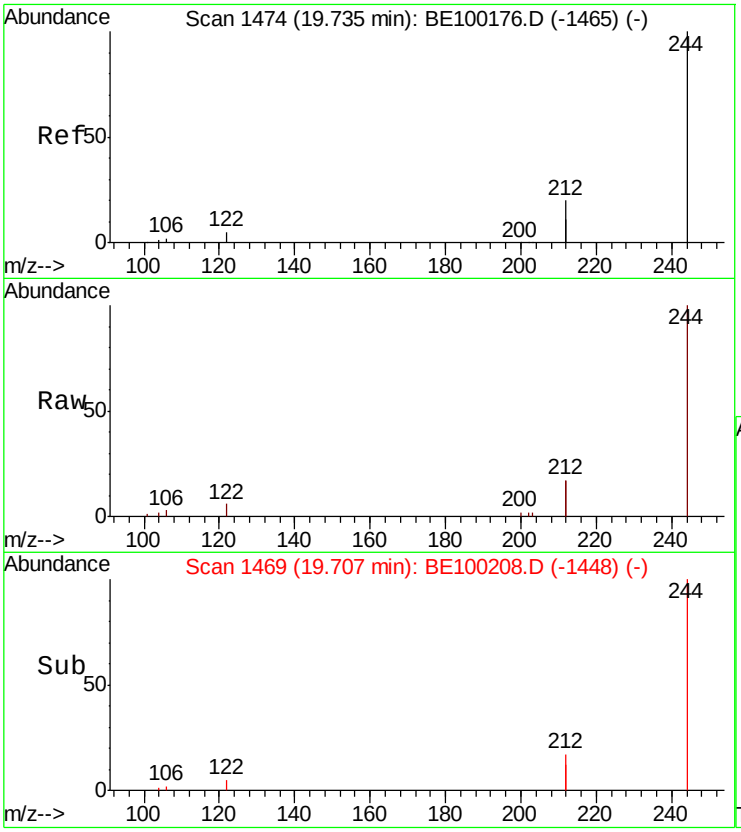




#28
Pyrene
Concen: 0.464 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:202 Resp: 8859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.4 | 15.5 | 23.3 |
| 203 | 17.1 | 13.9 | 20.9 |



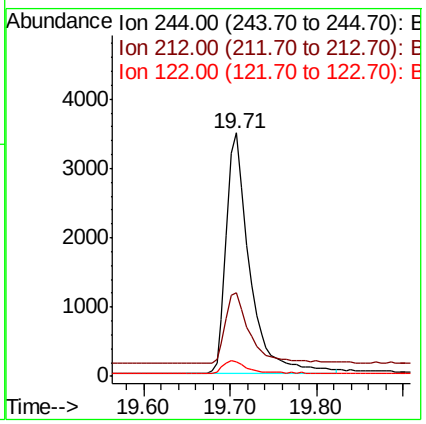


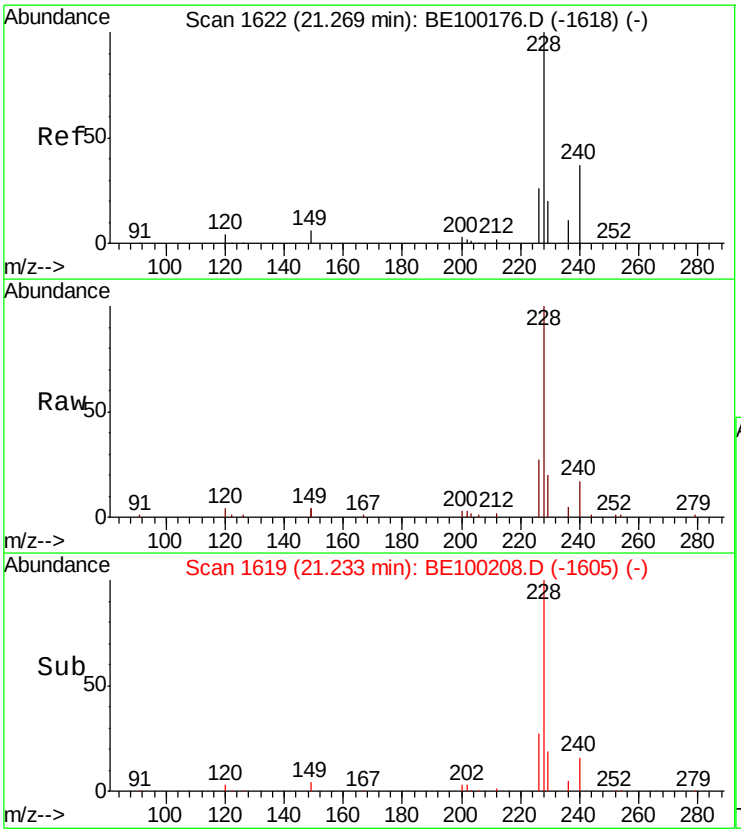

#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.71 min Scan# 1469
Delta R.T. -0.03 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:244 Resp: 6467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.3 | 30.7 | 46.1 |
| 122 | 6.0 | 5.8 | 8.6 |

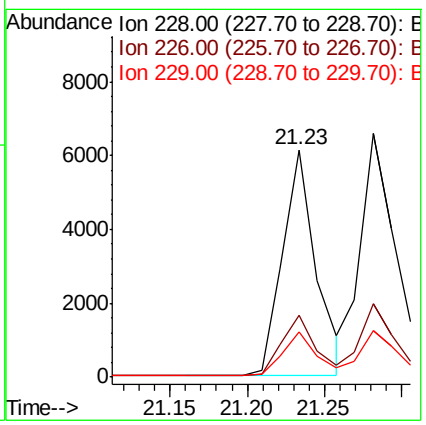


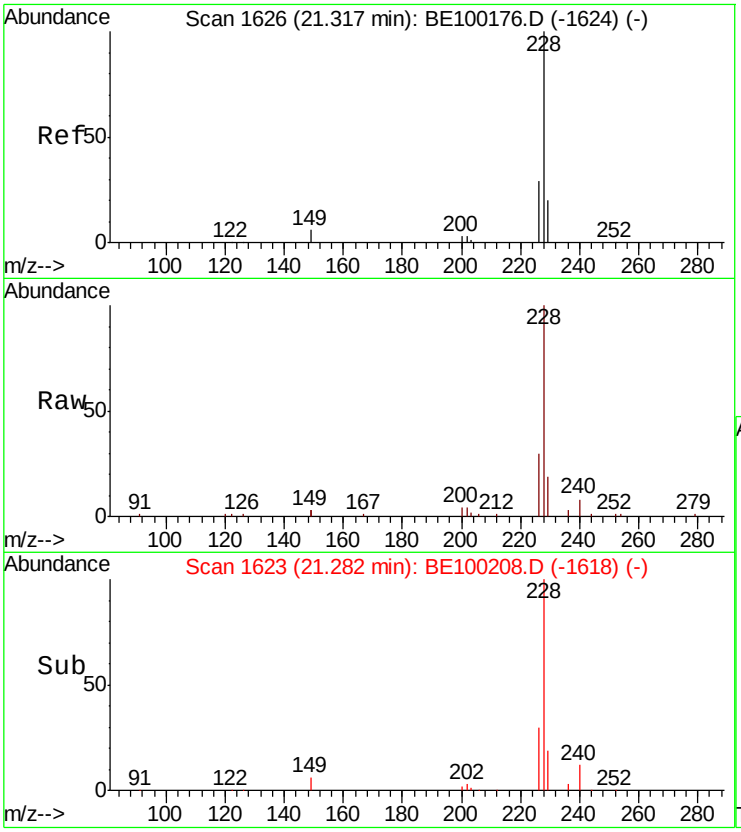




#30
Benzo(a)anthracene
Concen: 0.422 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:228 Resp: 9275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.5 | 32.3 |
| 229 | 19.8 | 17.2 | 25.8 |



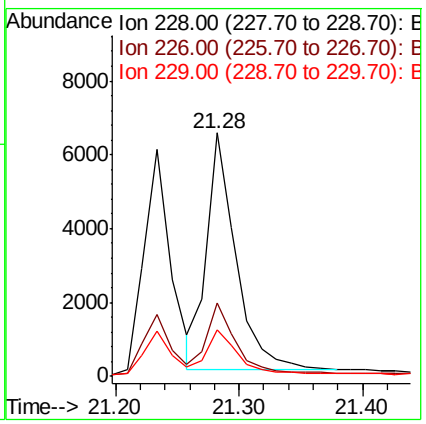


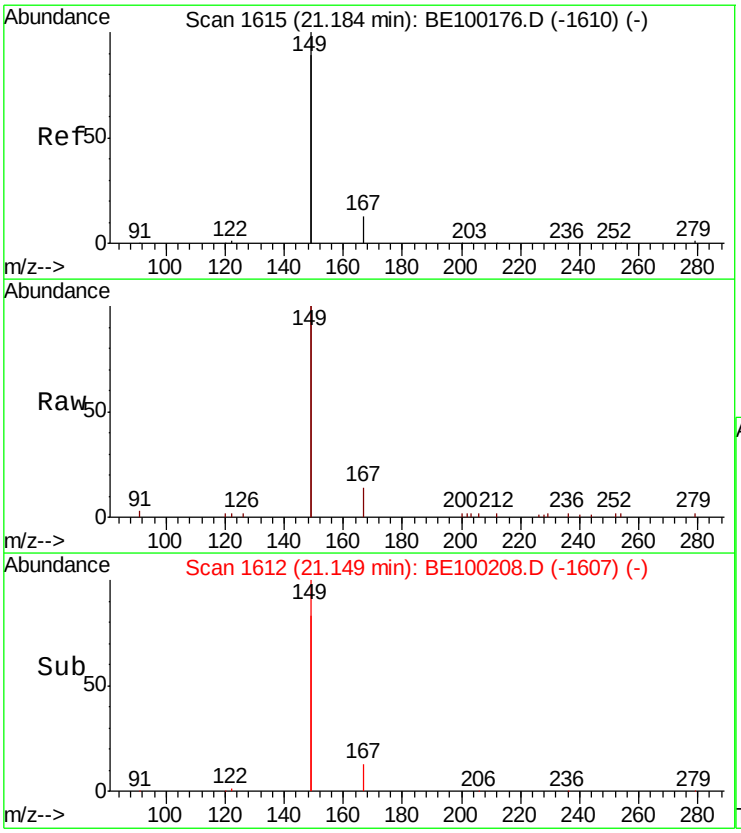

#31
Chrysene
Concen: 0.409 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:228 Resp: 10557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 23.7 | 35.5 |
| 229 | 19.2 | 16.5 | 24.7 |

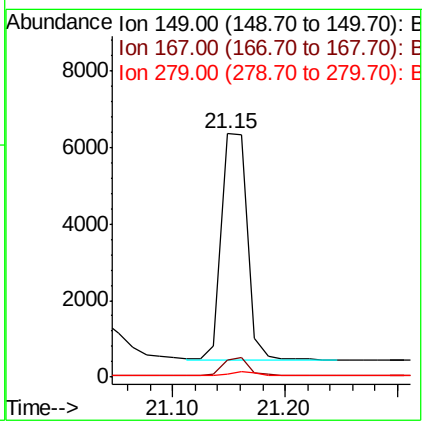


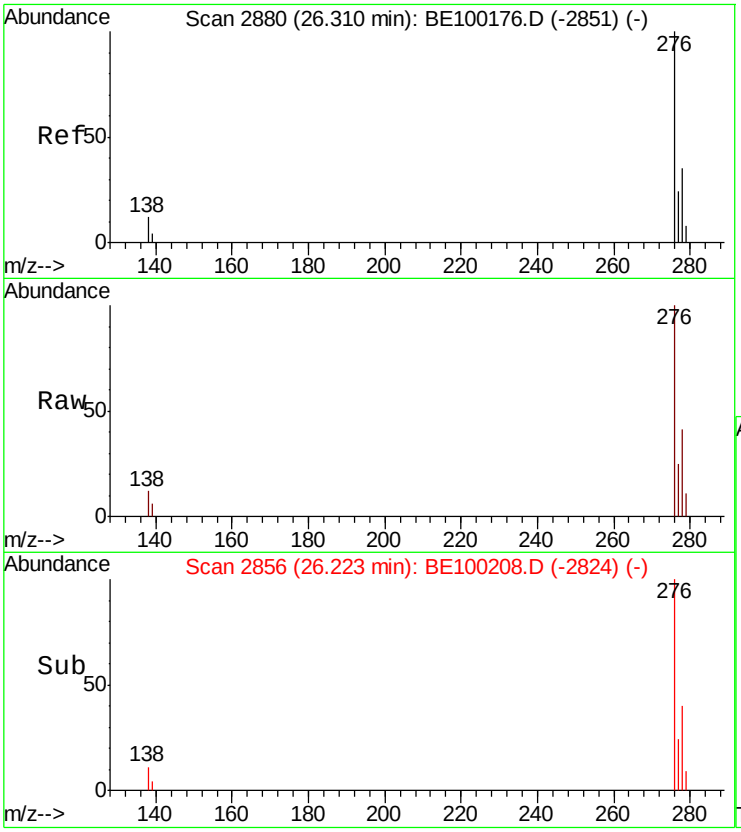




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.04 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:149 Resp: 9407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.5 | 5.9 | 8.9 |
| 279 | 1.3 | 1.0 | 1.6 |



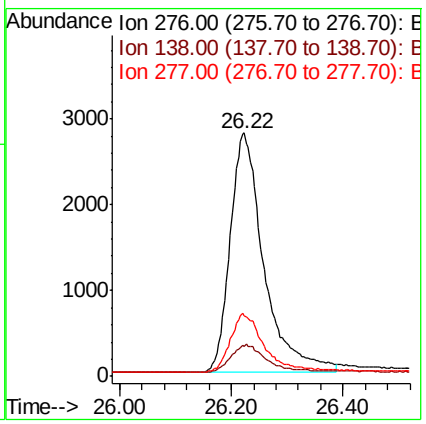


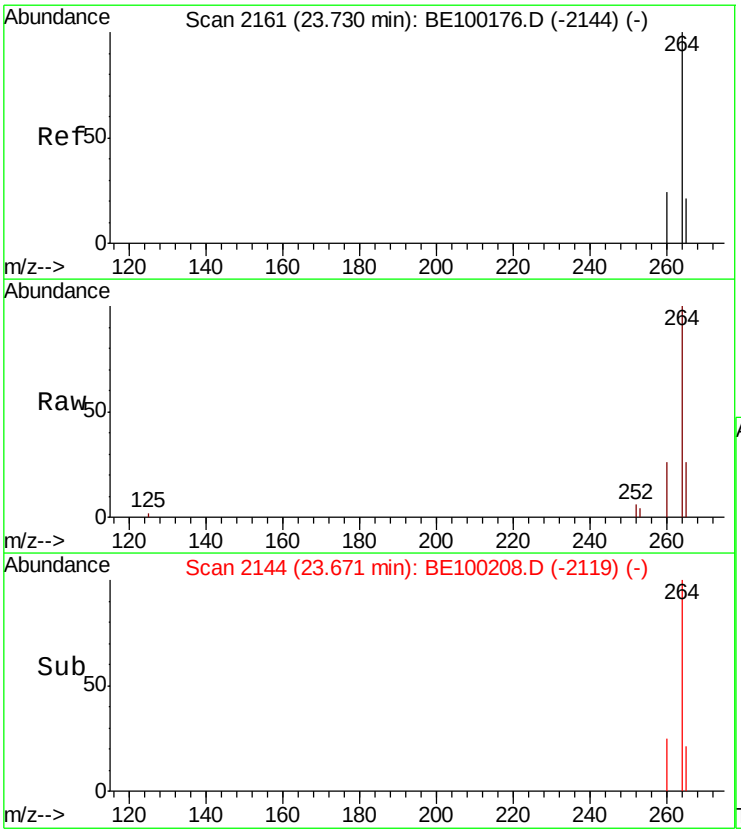

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 26.22 min Scan# 2856
Delta R.T. -0.09 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:276 Resp: 11754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.0 | 3.7 | 5.5# |
| 277 | 24.2 | 18.7 | 28.1 |

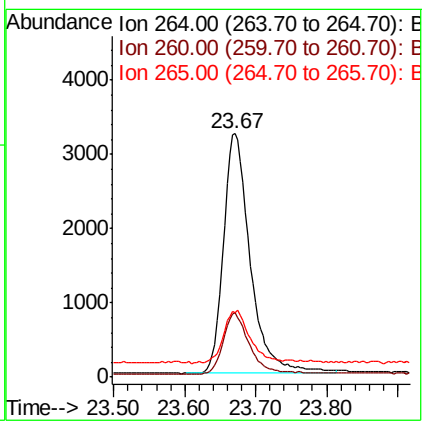


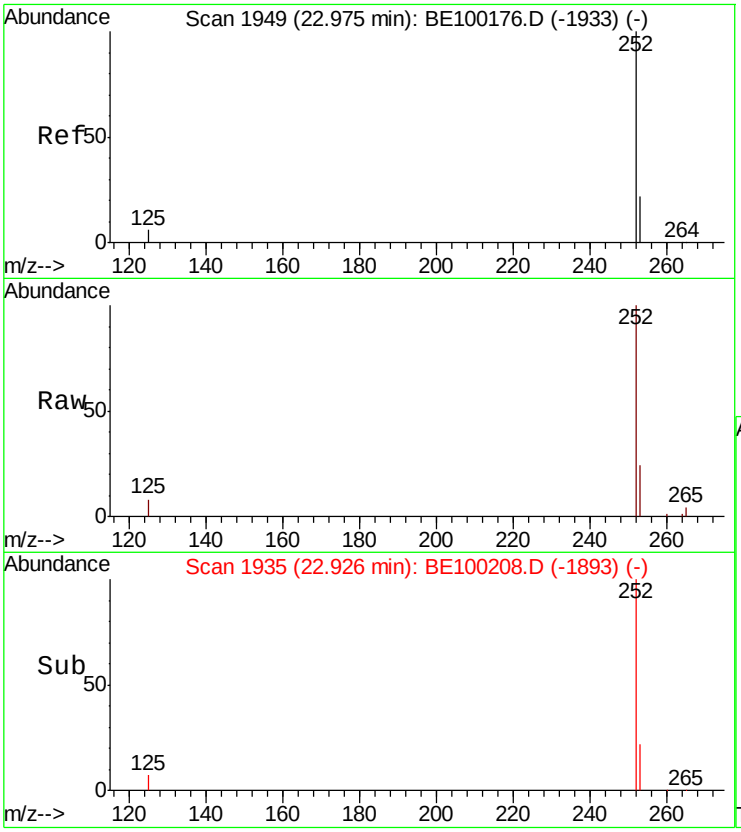




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. -0.06 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:264 Resp: 8459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.4 | 20.4 | 30.6 |
| 265 | 26.5 | 22.5 | 33.7 |



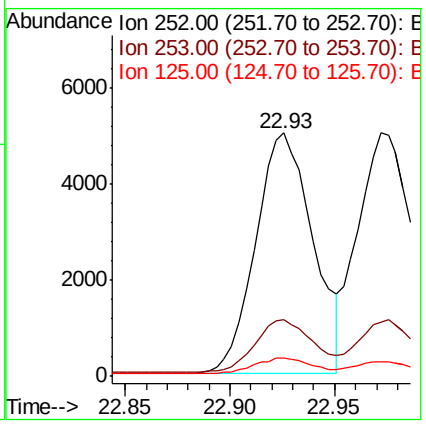


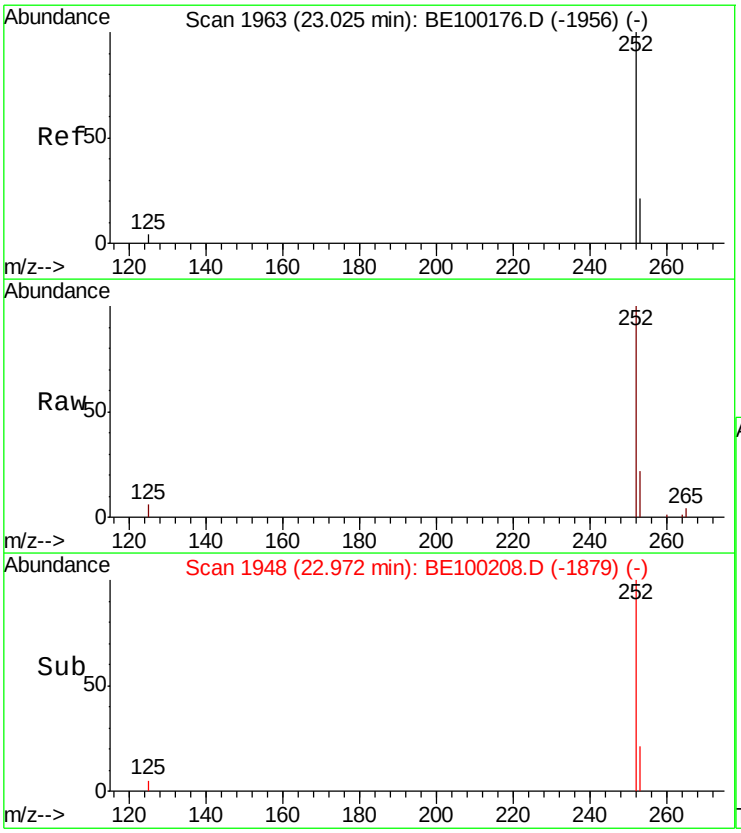

#35
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.05 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 9532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 19.0 | 28.4 |
| 125 | 7.8 | 6.3 | 9.5 |

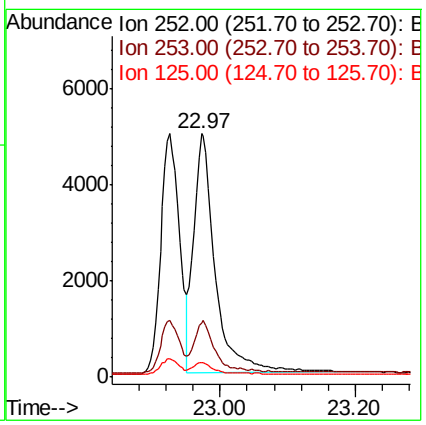


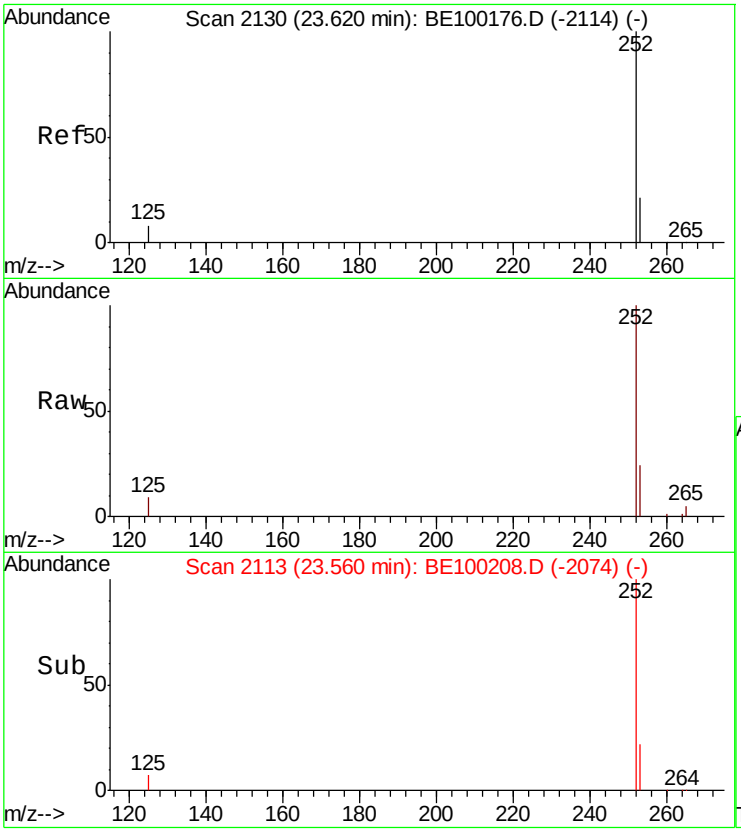




#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.05 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:252 Resp: 11104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.4 | 27.6 |
| 125 | 6.1 | 5.0 | 7.4 |



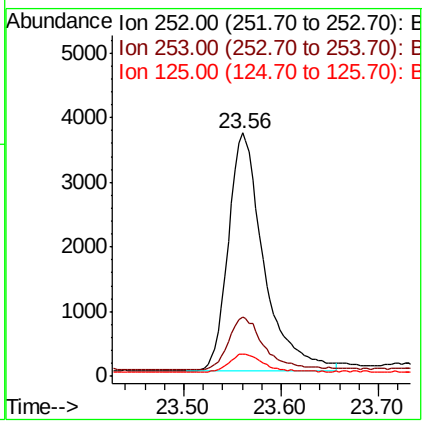


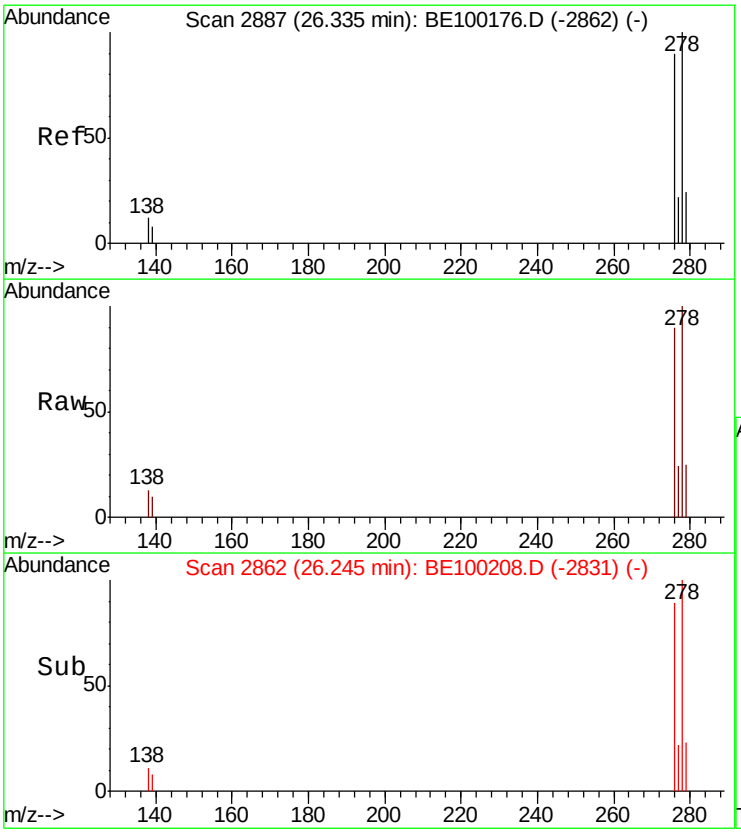

#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.56 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 9321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 19.2 | 28.8 |
| 125 | 9.1 | 8.2 | 12.2 |

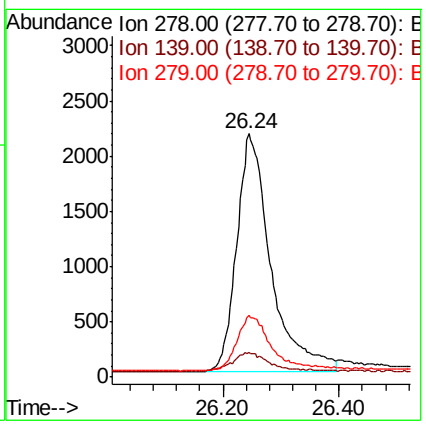


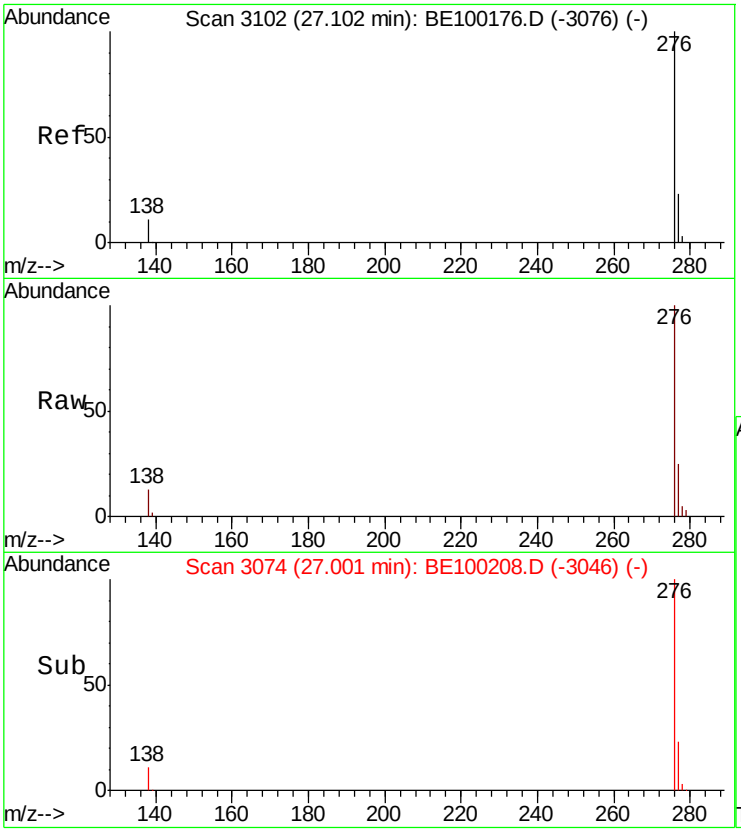




#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 26.24 min Scan# 2862
Delta R.T. -0.09 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:278 Resp: 8859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.3 | 9.0 | 13.4 |
| 279 | 25.5 | 21.1 | 31.7 |






#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.00 min Scan# 3074
Delta R.T. -0.10 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:276 Resp: 10071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 19.8 | 29.6 |
| 138 | 12.7 | 10.2 | 15.4 |